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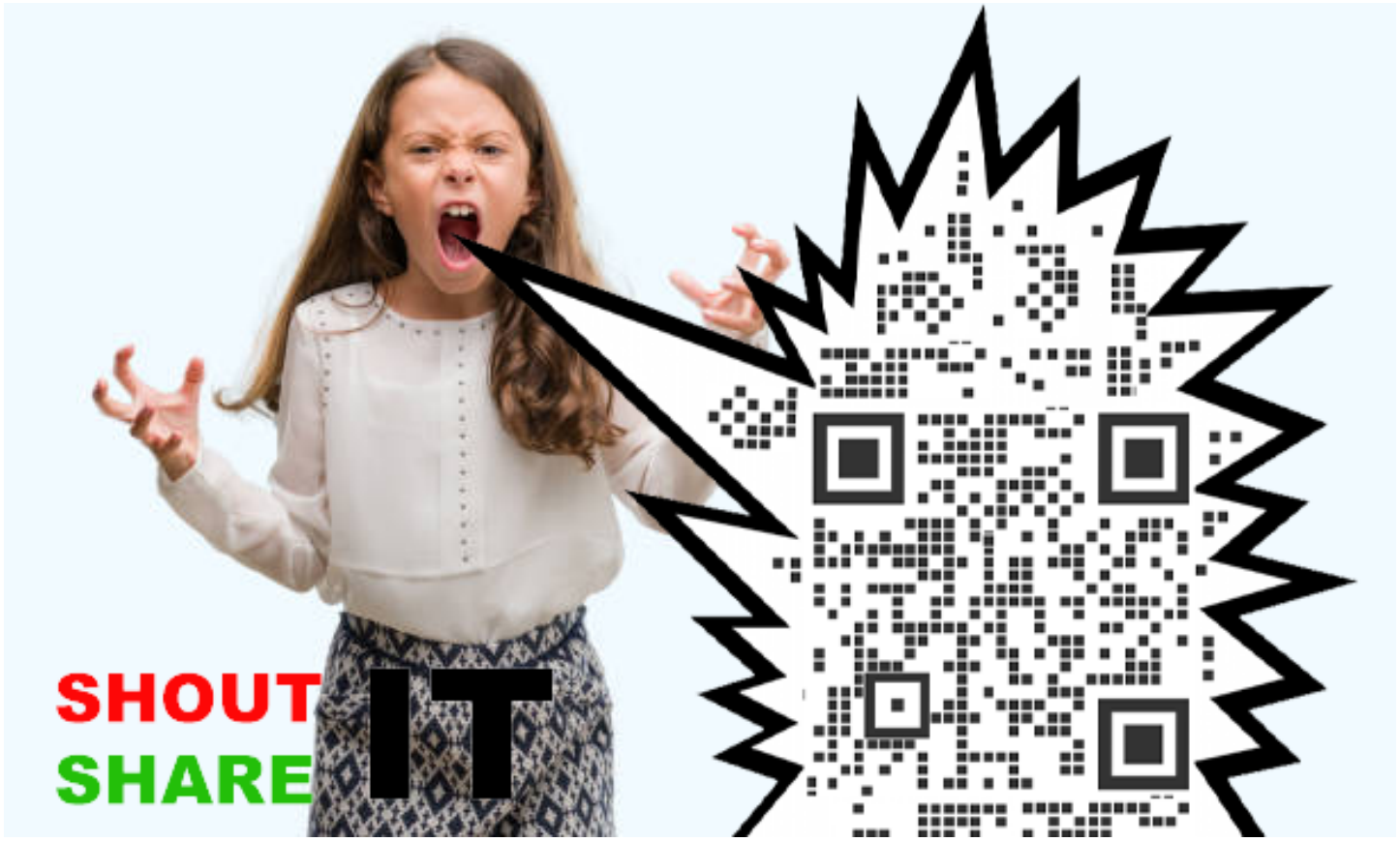
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1904

Beckert's

GARDEN, FIELD AND FLOWER

Seeds.

W. C. BECKERT,
ALLEGHENY, PA.

Remarks to Purchasers.

READ CAREFULLY BEFORE ORDERING.

Name and Address. Write your **Name, Post Office, County,** and **State** as plainly as possible. Sometimes orders reach us which give neither name nor location. In such cases it is impossible for us to fill orders until we hear from the senders again.

Use the Order Sheet. Make out your list of requirements in the order given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right. Always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but either written at the bottom of the Order Sheet, or on a separate sheet of paper.

Remittances. The safest method of sending money is by **Post Office Orders;** where they are not obtainable, it can be sent by Express Money Order, Registered Letter, or Draft on New York. For small amounts, postage stamps are acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not filled as it should be, and we will promptly make the necessary corrections.

Substitution. Late in the season we may have sold all our stock of some particular article ordered. We will in such case substitute the variety nearest akin to it, if requested to do so; otherwise the money will be refunded.

For Prices on Large Quantities of Seeds, write for our Market-Gardeners' or Florists' Catalogue, which is, however, only furnished on presentation of business card, or other evidence sufficient to show that the applicant is entitled to the same.

Send Us Your Order as Early as Possible. It will facilitate the prompt execution of same, and you will have your seed when you are ready to plant.

Packing. No charge for packing or delivery to depots, boats, or express offices. Fifteen cents will be charged for 2-bushel cotton sacks, when such are required. In no case do we prepay Express or Freight charges, unless by special agreement.

Seeds Free by Mail. All Vegetable and Flower Seeds quoted in this Catalogue by the **quarter-pound, ounce** or **packet** are forwarded postpaid at the prices herein named. Postage must be added for seeds by the **half-pound, pound, pint** or **quart,** as stated under the headings. We reserve the privilege of sending seeds by express, prepaid, if more suitable to us.

Seeds by Express. Seeds can now be forwarded at 20 per cent less than the merchandise rates; a saving of one-fifth to the buyer over previous rates. Unless goods are of a perishable nature, we can send C. O. D., if requested. As prices are all given in the Catalogue, there is no necessity for having goods forwarded in this manner, the purchaser thereby incurring the extra return charges.

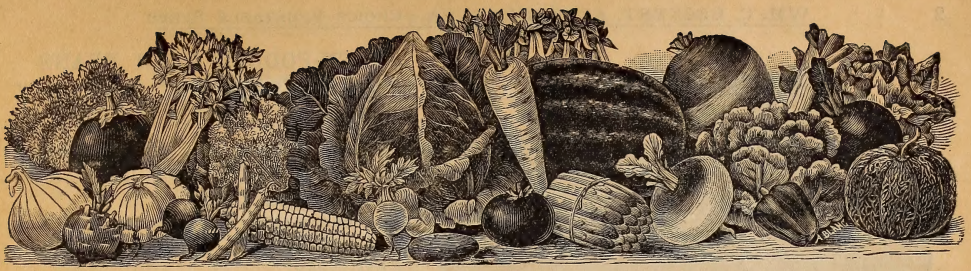
Shipments by Freight. Seeds in bulk, implements, and other heavy goods we ship by freight. Unless there is a freight agent at point of destination, the freight must be paid in advance, and, unless by special arrangement with us, the purchaser must advance the same. Our facilities for shipping to points south of Pittsburg on the Ohio River and connecting streams are excellent, steamers plying daily between here and southern points. Points above Pittsburg, on the rivers, are also accessible by boat.

Catalogues are sent free to all our customers of the **past year.** Should any change their place of residence, we desire them to inform us, that we may correct the address in our Catalogue list. Our local customers, who purchase over our counters, will please leave their address when making their first annual purchase; this will ensure their receiving Catalogues the following year by mail. Great numbers of our patrons who desire our Catalogues fail to receive them because we have not their post office address.

☞Correspondenzen und Bestellungen in deutscher Sprache erhalten dieselbe aufmerksamkeit als diejenigen in englischer Sprache.

Address all orders to

WM. C. BECKERT, 103 Federal St., Allegheny, Pa.



Beckert's Choice Vegetable Seeds

FOR HOME AND MARKET-GARDENS

Seeds of Superior Quality and Strong Vitality

OUR **Vegetable Seed Department** embraces nearly all varieties that are desirable or of known value, together with all the more important recent introductions. The list has been carefully selected and prepared, and the descriptions given are chiefly derived from our own experience and observation. We have endeavored to make them as accurate and helpful to the purchaser in making selections as possible.

HOW SEEDS ARE SENT

FREE DELIVERY to any post office in the United States at the prices named in this Catalogue of all Vegetable Seeds that are sold by the **packet, ounce and quarter-pound.**

ADD POSTAGE at the rate of **15 cents per quart** to the Catalogue price of **Peas** and **Beans** when to be sent by mail. **Add postage** at the rate of **10 cents per quart** to the Catalogue price of **Sugar Corn** when to be sent by mail.

BEANS, Dwarf, or Bush (Busch Bohnen)

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills that are 2 to 2½ feet apart, and covered about 2 inches deep. The plants will need frequent hoeings, but should not be cultivated when the leaves are wet with dew or rain, as this will cause them to rust. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of beans throughout the season. One quart of seed will sow 100 feet of drill; two bushels will sow an acre.

WAX, or YELLOW-PODDED BUSH BEANS

Add 8 cents postage for one pint of seed, and 15 cents for one quart, when to be sent by mail; 10-cent packets free by mail

ROUND-POD KIDNEY WAX. (New.) Pods long, full, round, solid, meaty, brittle and of fine quality. Plant vigorous, early and very productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

ROUND-POD KIDNEY WAX BEAN.

DAVIS KIDNEY WAX. Pods long, between flat and round, clear waxen color; flavor and eating qualities excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless; productive. Pkt. 10 cts., pt. 18 cts , qt. 35 cts., ½pk. $1.25.

PENCIL-POD WAX. Pods long, round, straight, slender; early, very productive; fine in quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

GOLDEN-EYED WAX. Seldom subject to rust or blight. Rapid and vigorous in growth, yielding abundantly; pods flat. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

PROLIFIC GERMAN, or CYLINDER WAX. Pods semi-transparent; flesh tender and stringless; excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

FLAGEOLET WAX. Pods long, flat, tender, of fine flavor and succulent; very productive; as early as Golden Wax. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

CURRIE'S WAX. Pods long, flat and tender; early and productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

GREEN-POD STRINGLESS BEAN.

GREEN-PODDED BUSH BEANS

GREEN-POD STRINGLESS. The pods are entirely stringless, very full and fleshy. They remain crisp and tender, even until the beans are fully developed in the pod. Early; of the very finest quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

LONGFELLOW. Pods nearly stringless, straight, round, pale green, 6 inches or more in length. When cooked they retain their light green color, and are unsurpassed in quality and flavor. Productive and very early. Pkt. 10 cts., pt. 15c., qt. 30 cts., ½pk. $1.10.

GIANT GREEN-POD STRINGLESS VALENTINE. A distinct new variety. It is as early and productive as the Improved Valentine, with pods a third larger, averaging 7 inches in length, round, full and fleshy. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

IMPROVED RED VALENTINE. Early, and uniform in ripening; pods round, thick and solid, tender and of fine flavor. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

REFUGEE, or **BROWN SPECKLED VALENTINE.** Pods round, tender, fleshy and of fine flavor. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

EXTRA-EARLY REFUGEE. Earlier than the Refugee. Pods round, solid, tender, and of excellent quality. Pkt. 10c., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

BOUNTIFUL. Pods long, uniform, stringless, of fine flavor, remaining tender long after maturity. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LONG YELLOW SIX WEEKS. Extra-early; pods long, flat, of good quality as long as they are tender. One of the most satisfactory to grow for market. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

MOHAWK. Early, hardy and productive; pods large and coarse, yet of excellent quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

WHITE MARROWFAT. Grown for a dry bean for winter use. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

DWARF HORTICULTURAL. Furnishes green shelled beans of fine quality. Pkt. 10 cts., pt. 13c., qt. 25 cts., ½pk. 90 cts.

WHITE KIDNEY, or **ROYAL DWARF.** A favorite for baking; large, kidney-shaped, flattened, white. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

RED KIDNEY. Similar to White Kidney, except in the color of the seed. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

SNOWFLAKE NAVY. An improvement on the common Navy bean; earlier and more productive. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

BUSH LIMA BEANS

Fine crops of delicious Limas are now grown without poles

For Beans sent by mail, add postage at the rate of 8 cts. per pint, and 15 cts. per quart. 10-cent packets sent postpaid

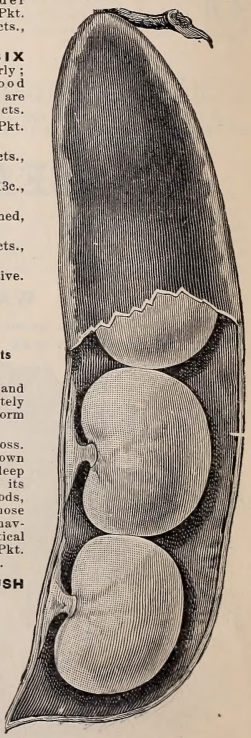
WONDER BUSH LIMA. A decided improvement on Burpee's Bush Lima, being earlier, larger and more productive; quality unexcelled. The plants grow dwarf, upright and compact, and are completely covered with large pods, many of which contain four beans. The vine is also very little inclined to form runners. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

BURPEE'S BUSH LIMA. They form large, branching bushes 18 to 20 inches high, 2 or 3 feet across. The strong constitution of the plant is shown in its stout, thick stalks and large, deep green, leathery leaves, as much as in its heavy yield of thick, broad, handsome pods, which are as large and well filled as those of the Pole Limas, as many as 200 pods having been counted on a single plant. Identical in size and flavor with the Pole Limas. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LONGFELLOW BUSH BEAN.

DREER'S, or **KUMERLE'S BUSH LIMA.** This variety is of strong, bushy habit, and produces its pods in great abundance. The beans are crowded thickly in the pods and are thick, sweet and succulent. Pkt. 10c., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

WOOD'S BUSH LIMA. An improvement on the Henderson Bush Lima in that the beans are considerably larger and equally productive, but slightly later in maturing. Pkt. 10c., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

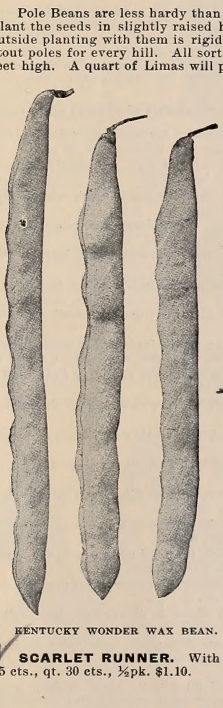


LARGE BUSH LIMA BEAN.

POLE, or RUNNING BEANS

(Stangen Bohnen)

Pole Beans are less hardy than the Bush sorts, and should be planted several weeks later, when the ground is warmer and frost is over. Plant the seeds in slightly raised hills 3 or 4 feet apart, 4 or 5 seeds to the hill. The Limas are especially tender, and the rule for late outside planting with them is rigid. Painstaking cultivators, who are usually the most successful, plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. A quart of Limas will plant about 100 hills; a quart of the smaller sorts about 200.



KENTUCKY WONDER WAX BEAN.

POLE LIMA BEANS

EARLY JERSEY LIMA. Very early and productive. Beans a little smaller than later sorts, but of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

SEIBERT'S EARLY LIMA. Pods and beans quite large, very early and productive, quality the best. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

DREER'S IMPROVED, or **CHALLENGER LIMA.** Early and productive; beans thick and rounded, tender and good. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

KING OF THE GARDEN. When not too closely planted, the vines set beans early and bear continuously until frost; only two vines should be allowed to a hill. Very productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

FORD'S MAMMOTH LIMA. The pods, averaging 7 inches in length and 5 to 7 beans to a pod, are produced in clusters; quality the finest. Vines vigorous and productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LARGE WHITE LIMA. Beans large, ovoid and kidney-shaped and greenish white in color. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

EDIBLE-PODDED POLE BEANS

DREER'S GOLDEN CLUSTER WAX. Pods long and round, in clusters of 3 to 6; very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

KENTUCKY WONDER WAX. Even more productive than its green-podded namesake; grows very rampant, one plant covering a pole with a mass of vines densely loaded with beans; pods very fleshy, entirely stringless and of the best quality. Pkt. 10 cts., pt. 20 cts., qt. 40 cts.

KENTUCKY WONDER, or **OLD HOMESTEAD.** Very prolific; long, showy green pods, borne in large clusters; they are often 9 to 10 inches in length; when young are nearly round, crisp and tender. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LAZY WIFE. Very productive; pods green, 4 to 6 inches long, broad, thick, fleshy and entirely stringless; of rich, tender quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

DUTCH CASE-KNIFE. Pods long, flat; beans white, flat and kidney-shaped; quality fine. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

WHITE CREASEBACK, or **BEST OF ALL.** Very productive, bearing in clusters; pods silvery green, medium size, best quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

HORTICULTURAL, or **CRANBERRY.** Good as a shell Bean, either green or dry; of good flavor. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

FRENCH ASPARAGUS, or **YARD LONG.** Pods 2 or 3 feet long; tender, and of asparagus flavor. Pkt. 10 cts.

SCARLET RUNNER. With showy scarlet blossoms; beans purplish, with black markings; very ornamental. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

ASPARAGUS

(Sparge)

A bed once properly made and planted will last for years. Plenty of fertilizer should be well trenched in to a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them a foot apart in rows 2, 2½ or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year from seed.

COLOSSAL. Very large, deep green; stalks tender and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

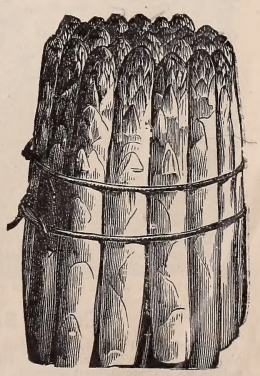
BARR'S MAMMOTH. Stalks large; heads close and round; light in color; tender and succulent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PALMETTO. Early; stalks fine in size and quality, even and regular in growth. Pkt 5 cts., oz. 10 cts., ¼lb. 25 cts.

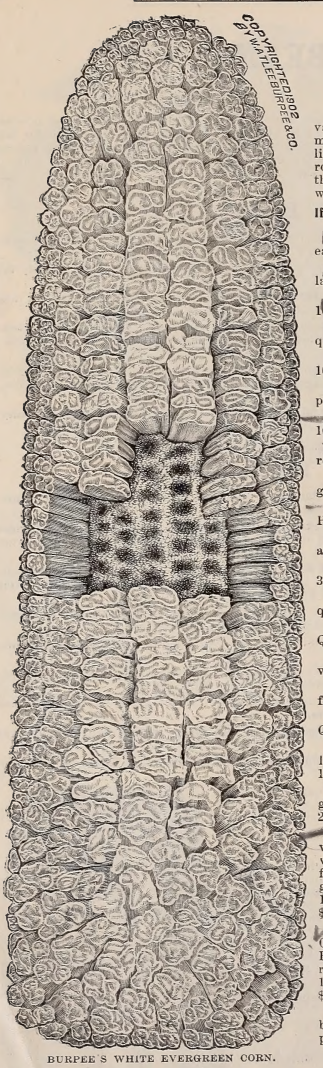
COLUMBIAN MAMMOTH WHITE. Eighty to 90 per cent of the stalks are pure white, and remain colorless as long as they are fit for use. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ASPARAGUS ROOTS

By planting Asparagus roots instead of the seeds, a year or more of time can be saved in getting the shoots ready for table or market. They can be planted at any time within 6 or 8 weeks of the opening of spring. **See Vegetable Plants.**



ASPARAGUS.



BURPEE S WHITE EVERGREEN CORN.

CORN, Sweet or Sugar

(Maiz)

This delicious vegetable may be enjoyed from early summer until frost if the proper varieties are selected and planted for succession at intervals of every two weeks until the middle of July. If the seed is planted too early, before the ground becomes warm, it is liable to decay. Plant in hills 3 or 4 feet apart each way, five to six kernels to a hill; or in rows 4 or 5 feet apart, scattering the seeds thinly in the rows. The taller-growing the variety, the richer should be the soil and the wider the space allowed for development. One quart will plant 200 hills.

If to be sent by mail, add 10 cents per quart for postage. 10-cent packets of all kinds sent postpaid

EXTRA-EARLY ADAMS. Not a Sugar Corn, but grown for table use because of its earliness. Plant dwarf; ears short. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

FIRST OF ALL. Stalks short; ears set quite low, of fair size, and well filled with large, reddish grains. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

WHITE CORY. Similar to the preceding, except that the kernels are white. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

PERRY'S HYBRID. Valuable early market variety. Ears large and ready for use quite early. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

KENDALL'S EARLY GIANT. A week later than Cory, and much larger. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

EARLY CHAMPION. Ears size of Concord, but earlier; 10- to 12-rowed. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

CROSBY'S EARLY. A second-early; ears 10- and 12-rowed; quality excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

MAMMOTH WHITE CORY. Cobs and corn white; grains large and of good quality, retaining their pure white color when cooked. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

EARLY SHEFFIELD. Early and hardy. Ears of good size for so early a Corn, and of good quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

STABLER'S EXTRA-EARLY. Large for an early Corn, sweet and of fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

MOORE'S CONCORD. Comes in after Perry's Hybrid. Quality excellent; ears large and full. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

SHAKER'S EARLY. Ears large and of fine quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

RUSSELL'S PROLIFIC. Ears are large, well shaped and filled, and of the best quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

METROPOLITAN. Large for an early Corn; 9 inches long and 10- to 12-rowed. Quality excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

SQUANTUM, or EXCELSIOR. Medium early; ears 12-rowed and deep in the grain; very sweet and tender. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

ROSLYN HYBRID. A medium late, large-eared variety of very superior quality; fine for canning. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

EARLY EVERGREEN. Ears similar in size and shape to Evergreen, but earlier. Quality the very best. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

EARLY MAMMOTH. Two weeks earlier than Late Mammoth; ears fully as long, larger at the stem and tapering more toward the tip; produces heavily. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

COUNTRY GENTLEMAN. Ears of good size, well filled to the tip with deep, white grains of delicious quality. Cobs small; luscious, milky, tender grains. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

WHITE EVERGREEN (BURPEE'S). Possesses to an intensified degree all the valuable qualities of Stowell's Evergreen, from which it originates, and in addition has the valuable characteristic of being pure white; of vigorous growth; ears very large and well filled to the tip; grains long and slender, very sweet and of the most delicious flavor; when green, both cob and grains are snow-white. The finest Sweet Corn yet introduced. Pkt. 15 cts., pt. 25 cts., qt. 45 cts., ½pk. $1.40.

STOWELL'S EVERGREEN. Grown more than any other sort. Ears large, with deep, sugary grains; remains fit for use a long time. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

LATE MAMMOTH. Among the best large-eared sorts. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

CORN SALAD (Lammer Salat)

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. An ounce of seed will sow a bed 20 feet square.

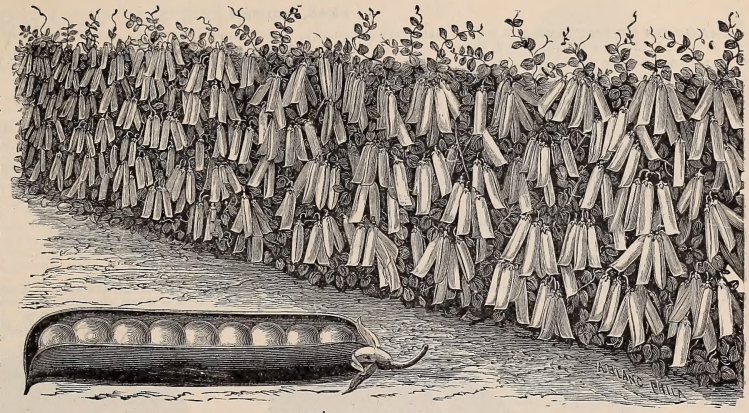
LARGE-SEEDED. Has large, tender leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

CORN SALAD.

PEAS

(Erbsen)

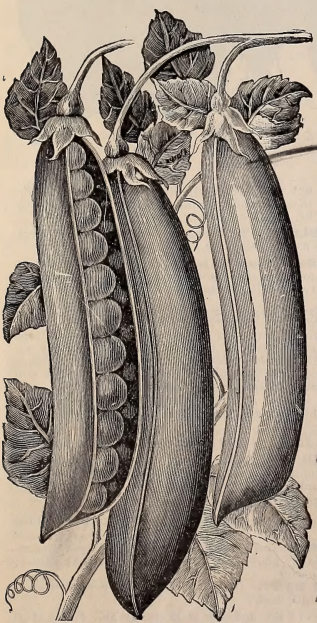
Good Seed Peas are very scarce, crop being the shortest in years.



NOTT'S EXCELSIOR PEAS.

All smooth-seeded Peas may be planted as early in the spring as the soil can be prepared for them. They are very hardy, and will endure a low temperature, both before and after sprouting. Sow for the first crop as early as is practicable, and for succession at intervals of about two weeks until June. Late sowings, however, do not yield so well as early ones. Sow in drills about 2 to 3 inches deep, and from 2 to 4 feet apart, according to variety, taller sorts requiring more room than dwarf ones. Dwarf Peas require a very rich soil, while tall ones thrive best in rather thin ground, which does not stimulate too luxuriant growth in the vines, to the detriment of the pods. The latter are frequently sown in double rows, with the brush, or support of some kind, between them. Wrinkled Peas are not so hardy as the smooth sorts, and should not be sown quite as early, but are superior to them in quality, more delicate in flavor, and remain longer in season. One quart of seed will plant about 100 feet of drill.

For Peas to be sent by mail, add postage at the rate of 8 cts. per pint, 15 cts. per quart, to prices given. Wrinkled varieties are marked with a star



EXTRA-EARLY TELEPHONE PEAS.

ALASKA. 48 days; 2½ feet. About 75 per cent of the pods can be gathered at the first picking. Pods small, but well filled with plump, excellent, dark green peas. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

SUNOL. 50 days. An improved strain of the First and Best. Pods larger; more productive and uniform in maturing. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

FIRST AND BEST. 50 days; 2½ feet. Uniform in growth and ripening; vines yield from 3 to 7 pods, containing from 5 to 8 peas each; of good flavor. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

SURPRISE. 50 days; 2½ feet. Vines thickly set with round, well-filled pods, 2½ to 3 inches long; peas tender and sweet. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

NOTT'S EXCELSIOR.* 55 days; 1 foot. The finest dwarf Pea in cultivation. Pods closely packed with large peas of fine flavor; vigorous and prolific. Very popular. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

EXTRA-EARLY TELEPHONE.* 56 days; 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest; very vigorous, pale green foliage. Pods are produced singly, and, although there are not so many to the vine as in other early sorts, the size more than makes up for it. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

PREMIUM GEM.* 59 days; 15 inches. Early and superior wrinkled Pea, with vines well branched; pods abundant; peas tender, sweet and good. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

DUKE OF YORK.* 67 days; 3½ feet. Pods very large, very dark green, well filled with large dark green peas of excellent flavor. A heavy yielder, and one of the most desirable medium early sorts offered. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

HORSFORD'S MARKET-GARDEN.* 70 days; 2 feet. Very productive; vines require no support; best quality. Considered one of the most valuable varieties. Pkt. 10c., pt. 13 cts., qt. 25 cts., ¼pk. 90 cts.

DWARF TELEPHONE, or DAISY.* 70 days; 1½ feet. Pods large, handsome, well filled, often containing 10 peas of the largest size; tender and delicious. Very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

TELEGRAPH.* 67 days; 3½ feet. Resembles Telephone except that the peas are a deeper green and the vines more productive. Pods large and showy. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

TELEPHONE.* 71 days; 3½ feet. Pods and peas very large and showy, the latter being very sweet and rich; very productive. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

DUKE OF ALBANY* (American Champion). 74 days; 3 feet. Pods large and produced in great abundance. Resembles Telephone, but is more dwarf. Intermediate, ripening its pods all well together. First among the large-podded late sorts. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

PEAS, continued

CHAMPION OF ENGLAND.* 78 days; 4 feet. Very fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

ADMIRAL DEWEY. 80 days; 3½ feet. A heavy cropper and of the finest quality. Pods rich dark green, of the largest size, frequently 6 inches in length, well filled with peas of largest size, tender and of excellent flavor. Medium late. Pt. 18 cts., qt. 35 cts., ½pk. $1.25.

PRIDE OF THE MARKET. 80 days; 2½ to 3 feet. Bears uniformly handsome large, dark green pods, well filled with large peas of the finest quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

STRATAGEM IMPROVED. 81 days; 2½ feet. Pods and peas very large, dark green and of the finest quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

BLACK MARROWFAT. 84 days; 4½ feet. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

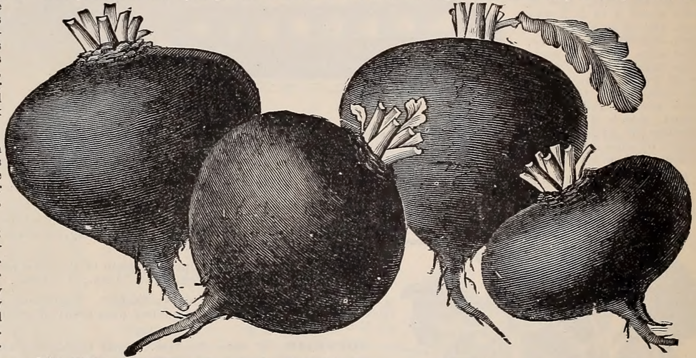
WHITE MARROWFAT. 84 days; 4½ feet. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 70 cts.

MAMMOTH PODDED MELTING SUGAR. Pods 6 to 7 inches long and 1½ inches wide; stringless, very sweet and tender. Unlike other sorts, the pods of this Pea are used prepared for the table like snap beans, making a very delicious dish. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

THE BEST GARDEN BEETS

(Salatrüben)

The soil best suited to the Beet is a deep and light, rich, sandy loam. For very early crops, the seed of Crosby or some similar sort is sown in hotbeds, and the seedlings are transplanted to the open ground as soon as it is warm enough. For main-crop or early Beets, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 or 5 inches apart in the rows. For winter crops, sow seed in June, in drills, as for early Beets. An ounce of seed will sow 50 feet of drill; five or six pounds an acre.



SEIF BLOOD TURNIP. BECKERT'S PERFECTION. DEWING. CROSBY.

CROSBY IMPROVED. An improvement on Egyptian; its roots are thicker, ready for use earlier, smoother, and of better shape. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

EGYPTIAN. An early sort; can be planted very closely. Medium size and dark crimson color. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

CRIMSON GLOBE. A very early globe variety; roots very smooth and handsome; flesh and skin deep red; of best quality. Pkt. 5 cts.. oz. 10 cts., ¼lb. 25 cts.

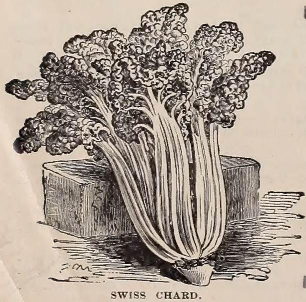
EARLY BLOOD TURNIP. Early; of rapid growth, with small tops. The roots are roundish, flat. Pkt. 5 cts., oz. 10 cts., ¼lb. 20c.

ECLIPSE. Roots globe-shaped, deep red, with sweet, fine-grained flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

EDMAND'S BLOOD TURNIP. Round, smooth and uniform in shape. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

DETROIT BLOOD TURNIP. Roots globular or ovoid; flesh dark red and tender; foliage small. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

DEWING'S BLOOD TURNIP. Roots long, round and smooth; blood-red flesh, marked by light rings. Pkt. 5c., oz. 10c., ¼lb. 20c.



SWISS CHARD.

BECKERT'S PERFECTION BLOOD TURNIP BEET. We have here perfection in a table Beet. We have bred up this strain for years. It is not early, but is admirably adapted for main crop and for winter storage. The Beet is almost a perfect globe shape, with small tap-roots; its tendencies are to grow only to medium size. Flesh dark crimson, and remains tender and brittle after a season's growth. Pkt. 5c., oz. 10c., ¼lb. 30c.

SEIF BLOOD TURNIP. A very popular local variety; not a strictly early Beet, but of the best for general crop; deep red in color, and remains tender even when attaining the largest size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

LONG SMOOTH BLOOD. Half-long deep red roots; flesh firm, juicy and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

SWISS CHARD (Sea-Kale Beet). Grown for its tender, succulent tops, which are prepared for the table like spinach or asparagus. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

FIELD BEETS FOR STOCK FEEDING

Grown for stock feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, and they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 or 16 inches between them. Round-rooted varieties are best suited to light, sandy, shallow soil; long-rooted sorts to deep ones. On rich ground the yield is enormous. From five to eight pounds of seed are required to sow an acre.

Write for special rates on Field Beet seed in quantities of 5 lbs. and upward

GIANT LONG RED MANGEL. Heavy cropper; grown very generally. Roots are long and thick, with rose and white flesh, and grow partly above ground.

GIANT INTERMEDIATE. Heavy producer.

ORANGE GLOBE. Large, orange-colored, oval variety. Good on shallow soil.

GOLDEN TANKARD. Has large and handsome roots of a peculiar shape, and grows partly above the ground. Flesh bright yellow, with much saccharine matter.

RED-TOP SUGAR BEET. Combines with heavy yield a good percentage of sugar; white flesh.

Mangel Beet in quantities of 5 lbs. and over at 30 cts. per lb. Prices of all the above Field Beets, oz. 5c., 4 ozs. 15c., lb. 35c.; postpaid, 43c.

CABBAGE SEED

Cabbage is one of the gardener's most important crops, the value of which depends as largely upon the quality of the seed used as upon soil, climate and culture. They are usually sown early in spring in hotbeds, and later in the open ground for main and late crops. Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10. Set them 2 or 3 inches apart each way, and as soon as they become well established remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 or 20, when the final transplanting may be made. Plants for this early crop need not stand farther apart than 1½ x 2 feet. For late crops, sow seeds in April or May, and transplant in July, setting the plants in the ground up to the first leaf, and 2 x 3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. To insure large, solid heads of Cabbage, the soil must be plowed deep and made very rich. The plants need thorough cultivation, and the insects which molest them should be kept in check with remedies which seem most efficacious in the locality. Crops of Cabbage should not be grown for a number of years on the same ground, on account of club-root.

EARLY ALLHEAD.

EXTRA-EARLY JERSEY WAKEFIELD. The best early variety. Heads of medium size, pyramidal, pointed, firm and solid, with few outside leaves; they are uniform in size and time of maturing, and are of good quality. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

LARGE JERSEY WAKEFIELD, or **CHARLESTON.** A selection from the above, and 10 days later, with heads rounded and twice as large. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

EARLY WINNIGSTADT. Conical heads of fair size. It is one of the best early Cabbages. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

EARLY SPRING. Heads very uniform and solid. Matures with Early Wakefield; has few and small outside leaves. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

EARLY ALLHEAD. The best of the flat-headed early summer Cabbages. Heads roundish flat, very solid and grows more uniform in size and form than any other variety, sure-heading and adaptable to many soils; equally as good as a winter Cabbage. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

EARLY SUMMER. Heads large, solid, roundish, flat, of good flavor, and stand a long while after maturity without bursting. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

ENKHUIZEN'S GLORY. Second early, producing fine, large, round, ball-shaped heads; outside foliage small and pale green. Tender and of good flavor. Pkt. 5 cts., oz. 75 cts.

ALL-SEASONS, or **VANDERGAW.** Almost as early as Early Summer; heads larger and quite thick through; good for early and late crops. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

SELECT LARGE LATE FLAT DUTCH.

SUCCESSION. A week later than Early Summer, with heads much larger. Good for early or late use. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

SUREHEAD. The heads are of Flat Dutch type, uniform in shape and size, solid and heavy. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

THE LUPTON. Slightly earlier than the Flat Dutch, and of more compact growth. Heads large; stalks short; color dark green. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

FOTTLER'S BRUNSWICK. The heads often weigh from 20 to 25 pounds, and are hard and solid. Pkt. 5 cts., oz. 20 cts., ¼lb 60 cts.

SELECT LARGE LATE FLAT DUTCH. An excellent keeping variety; more extensively grown for main crops than any other sort. Heads large, broad, roundish flat, solid and of good quality. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

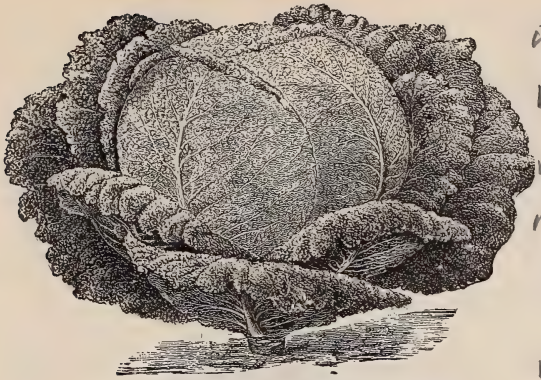
SELECT LARGE LATE DRUMHEAD. Popular and widely grown for main crops. Good-keeping, sure-heading variety. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

AUTUMN KING, or **WORLD-BEATER.** Late; sure-heading; heads of enormous size, yet regular and uniform, with few outer leaves. Keeps unusually well; of best quality. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

DANISH BALLHEAD, or **HOLLANDER.** A distinct variety; plants long-stemmed, but compact; leaves very smooth and thick; heads of medium size, round and very solid; matures late, and is a splendid keeper. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

PERFECTION DRUMHEAD SAVOY. The best Cabbage of this fine class. Heads large, solid, with finely curled, close, wrinkled leaves of cauliflower flavor; a good keeping winter Cabbage. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

SUCCESSION.



PERFECTION DRUMHEAD SAVOY. (See preceding page.)

CABBAGE SEED, continued

EARLY ERFURT SAVOY. This new sort has full and long extended heads, with but few loose outside leaves, allowing of close planting; heads very heavy; quality fine; in taste very similar to Brussels Sprouts. Pkt. 15 cts.

RED SAVOY DELICACY OF ERFURT. Produces large heads possessing more solidity than any other red Savoy Cabbage; in quality it is far superior to the Green or Yellow-green Savoys; medium early and a good keeper. Pkt. 15 cts.

MAMMOTH ROCK RED. A select late strain of red Cabbage, with very large and solid heads. This is the housekeeper's favorite Cabbage for pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

ZENITH DARK RED. Very solid; thin ribbed heads of medium size and exceedingly dark red color, with few loose outside leaves in proportion to the size of the head; medium early. Pkt. 5 cts., oz. 75 cts.

ARTICHOKE

(Artiſchocke)

Sow early in spring and transplant the following spring to permanent beds in rows or hills 3 feet apart.

LARGE GREEN GLOBE. The best sort for general use. Pkt. 10 cts., oz. 35 cts.

CAULIFLOWER

(Blumenkohl)

How to Grow Fine Cauliflower. The general outlines of culture for Cauliflower and cabbages are essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads there without any further attention. A deep, loamy soil, with a substratum of moisture during dry weather, is most suitable for the Cauliflower. Market-gardeners find this one of their most profitable crops. An ounce of seed will produce about 1,500 plants.

BECKERT'S EARLY SNOWBALL. Produces large, handsome heads, measuring 8 to 10 inches across; pure snowy white, close, compact and of the finest quality. The stalks are short, of compact growth, and can be planted closely. It is extra-early, a very certain header, and equally good for a late crop. Unsurpassed by any strain offered. Pkt. 20 cts., ¼oz. 90 cts.

EXTRA-EARLY ERFURT. The plants may be depended upon to form large, firm white heads very early. Pkt. 15 cts., ¼oz. 75 cts.

EXTRA-EARLY PARIS. Large leaves and large, firm white heads. Pkt. 10 cts., ¼oz. 25 cts.

ALGIERS. Late, sure-heading; the heads are good in color and quality and long-keeping. Pkt. 10 cts., ¼oz. 25 cts.

LENORMAND'S SHORT-STEM. A hardy, late variety; good heads, with close, uniform curds, well protected by leaves. Pkt. 10 cts., ¼oz. 25 cts.

VEITCH'S AUTUMN GIANT. White, large, firm heads, which are well protected by large leaves. Pkt. 5 cts., ¼oz. 20 cts.

BECKERT'S EARLY SNOWBALL CAULIFLOWER.

BROCCOLI

(Sproſſenkohl)

Requires the same treatment as cauliflower. The heads are tender, white and delicate in flavor. An ounce of seed will produce about 2,000 plants.

WHITE CAPE. Creamy white, medium, compact; sure to form; delicate flavor. Pkt. 5 cts., oz. 40 cts.

BRUSSELS SPROUTS

(Roſenkohl)

The seed should be sown in April or May, and the plants cultivated like cabbage; very hardy, and the heads are improved by frost. An ounce of seed will produce 2,000 plants.

DWARF IMPROVED. Dwarf, with small, solid, tender heads, growing very close along the stem. Pkt. 5 cts., oz. 30 cts.

FIRST-CLASS CELERY SEED

(Sellerie)

Celery can be grown on any garden soil, but is finest on deep, mellow bottom land. Seed for early crops should be sown in hotbeds about March 15. The plants may either be thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open air as soon as the soil and air are warm enough. They should be covered lightly or merely pressed into the earth with a board if the soil is fine and mellow. The seed-bed must be kept free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. They must be well cultivated and kept free from weeds until ready for blanching, which consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in pits or cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings for ventilation in mild weather at short distances. An ounce of seed will produce about 2,000 plants.

GOLDEN SELF-BLANCHING CELERY.

GOLDEN SELF-BLANCHING. Stalks beautiful golden yellow, equal in quality to those of any variety grown. Plants semi-dwarf and vigorous, with large, ribbed and rounded stalks which are quite crisp and tender. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.30.

WHITE PLUME. Very popular variety; easily blanched, and one of the very handsomest sorts grown. In large plants the stalks, hearts and inner leaves become white without any blanching. Good for fall and summer crops. Pkt. 5 cts., oz. 20 cts., ¼lb. 70c.

SNOW WHITE. A self-blanching variety of the White Plume class, but is an improvement on its prototype in that it is still more easily blanched, of a purer white, of more vigorous growth and of equally good quality. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.30.

GOLDEN DWARF. One of the best; hearts and inner leaves a beautiful golden yellow when blanched; the stalks are solid, crisp and nutty in flavor; keep for a long time. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts.

GIANT PASCAL. Stalks broad, thick and about 2 feet high; blanch quickly; rich, nutty flavor; tender, crisp and stringless; a valuable sort for both early and late. Pkt. 5 cts., oz. 15 cts , ¼lb. 55 cts.

PERFECTION HEARTWELL. Vigorous in growth; heart large and close-growing; crisp, tender, keeping until quite late. One of the best flavored, most crisp and tender of all the white varieties. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts.

BECKERT'S PERFECTION WINTER. Grows to a good size; very brittle, and white in color. For solidity, crispness and fine, nutty flavor, it is unsurpassed; its most valuable recommendation to growers is its remarkable keeping qualities, as it can be kept easily until spring. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.10.

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; blanches to a beautiful creamy white, perfectly solid, rich and delicious nutty flavor; a fine winter keeper. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.10.

THE SCHUMACHER. Immense size, solid and crisp, firm golden yellow heart; a fine keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts.

PERLE LE GRANDE. Valuable for early and winter crop. Its beautiful full golden heart and rich nutty flavor are unsurpassed by any other sort. Pkt. 5c., oz. 15c., ¼lb. 55c.

GOLDEN ROSE. Like the Golden Self-blanching, except that it is suffused with a rosy hue which disappears toward the top of the stalk. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts.

BOSTON MARKET. Of dwarf, branching habit, solid, crisp and of fine flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts.

MAJOR CLARK'S FINE SOLID RED. A splendid red variety of robust, compact, medium growth, forming very solid hearts which blanch easily; extremely crisp and of finest flavor. Pkt. 10 cts., oz. 50 cts.

PRAGUE GIANT CELERIAC.

CELERIAC, or TURNIP-ROOTED CELERY

(Knollen Sellerie)

Sow in early spring, in light, rich soil; transplant the seedlings in May, and water freely in dry weather. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve tonic as celery, and can be grown in many sections where celery culture is practically impossible. The roots have almost the same flavor as the crispest white celery stalks, while they keep much longer than celery. An ounce of seed will produce about 2,000 plants.

PRAGUE GIANT. The roots of this variety are very large. When young they are quite tender and marrow-like, having a very fine flavor and cooking quickly. The plants are vigorous, with large, deep green foliage. Pkt. 5 cts., oz. 15 cts., ¼lb. 55c.

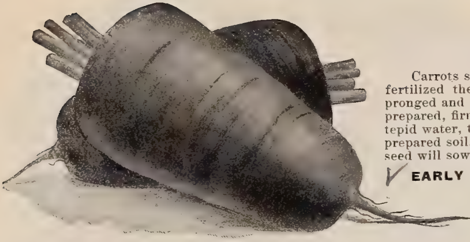
CHICORY

(Cichorie)

Sow early in spring, in good, mellow soil and in drills half an inch deep and 12 inches apart.

LARGE-ROOTED MAGDEBURG. The roots form the Chicory of commerce; the leaves, when blanched, make an excellent salad. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

LAWN GRASS SEED.—If you desire a perfect lawn, use our EVERGREEN LAWN SEED. See inside of back cover for s
and for directions how to make a lawn



DANVERS HALF-LONG CARROTS.

CARROTS

(Möhren)

Carrots succeed best on heavy loam, which, preferably, should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed as early in the spring as the ground can be prepared, firming the soil down over them. If sown late they should be soaked in tepid water, then mixed with plaster or sifted coal ashes and sown upon freshly prepared soil. Quick germination and rapid growth are necessary. An ounce of seed will sow 100 feet of drill; 4 pounds will sow an acre.

EARLY SCARLET HORN. For early outdoor crop. Roots are about 3 inches long, and of very good quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

HALF-LONG STUMP-ROOTED. Much like the Half-Long Pointed, except that the roots have the stump form. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

HALF-LONG POINTED. The roots are intermediate in size between Early Horn and Long Orange; smooth bright orange; well flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

NEW YORK MARKET. Early. A heavy cropper; symmetrical shape, small core, crisp, tender and very sweet; one of the best. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CHANTENAY. Handsome roots, broad-shouldered, smooth and more uniform than the Danvers. Of superior flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

HALF-LONG LUC. A very symmetrical half-long stump-rooted variety. Early, very productive, of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DANVERS HALF-LONG. The roots are smooth, thick and intermediate between Short Horn and Long Orange in form. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange color and of finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CHANTENAY CARROTS.

WATER and UPLAND CRESS (Kresse)

The leaves form excellent spicy spring salads, and are also used for garnishing. The plants increase rapidly from the roots and by self-seeding, and require little care after they become established. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply, as it soon runs to seed.

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running stream, forming large beds of leaves. Pkt. 5 cts., oz. 25 cts., ¼ lb. 90 cts.

UPLAND. Seed of this species may be sown anywhere in moist places in spring or fall. Leaves broad, crisp, tender and good for salads; plant a perennial. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts.

EXTRA CURLED, or **PEPPER GRASS.** Of pleasant, pungent flavor; the leaves can be cut several times. The plants grow well in any soil, and require little care. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DANDELION (Pardeblum)

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the rows.

IMPROVED FRENCH. Pkt. 10 cts., oz. 35 cts.

EXTRA CURLED CRESS.

EGGPLANT

(Eierpflanze)

Sow the seed in hotbeds early in March, transplant to small pots and plunge them in the same beds; this is to make them strong and stocky. They should not be planted out in rows until May or June, when the weather becomes warm and settled, as cool nights and wet weather will check their growth. Set the plants in rows 3 feet apart each way and give them thorough cultivation, drawing the earth up to the stems when they are about a foot high; it is well to keep some plants in the hotbed for replanting. Repeated sowings are sometimes necessary, as the seed does not germinate freely without strong and uniform heat. In cutting, do not injure the plant. An ounce of seed will produce 1,000 plants.

IMPROVED THORNLESS EGGPLANT.

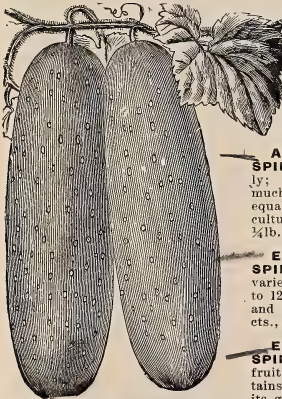
NEW YORK IMPROVED THORNLESS. The leading market variety; strong and productive in habit. The fruits are deep purple, large, smooth, free from thorns; flesh white, tender, of delicate flavor. Pkt. 5 cts., oz. 30 cts.

BLACK BEAUTY. Fruit broad and thick, of very attractive form and lustrous purplish black color; very productive, of excellent quality, and about 10 days earlier than the preceding. Pkt. 10 cts., oz. 60 cts.

CUCUMBERS (Gurke)

For general crops, the seed cannot be planted in the open ground before the weather has become warm and settled, and the ground mellow and light. Plant the seeds in well-enriched hills about 4 feet apart each way, and as soon as all danger from insects is over thin the plants to leave four of the strongest in each hill. For succession, sow at intervals of every two weeks until midsummer. Extra-early crops may be grown by planting the seed in hotbeds in April, upon pieces of sod turned upside down, and removing them to hills in open ground as soon as the weather is warm enough. For pickles, sow seed from the middle of June until the middle of July. The vines bear longer if the fruits are gathered as soon as they are large enough ; their strength is soon exhausted by ripening fruits. An ounce of seed will plant 100 hills ; 2 pounds will plant an acre.

FORCING WHITE SPINE. A selected strain of White Spine seed. Fruit large, green, medium thick, holds its color well. An excellent variety. Pkt. 10 cts., oz. 25 cts.



IMPROVED WHITE SPINE.

IMPROVED WHITE SPINE. Early and productive. Fruit medium size, good shape, light green, with a few white spines on the surface. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

ARLINGTON WHITE SPINE. Very prolific and early; fruit large and smooth, much used for forcing, but equally desirable for outdoor culture. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EXTRA-LONG WHITE SPINE. A smooth, dark green variety, attaining a length of 10 to 12 inches; regular in form and size. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EVERGREEN WHITE SPINE. Productive and early; fruit long, deep green and retains its color at all stages of its growth. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

IMPROVED LONG GREEN. The leading long-growing sort, and excellent for pickles. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

COOL AND CRISP. Fruit long and cylindrical, dark green, early and very productive. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EMERALD. The fruit retains its very dark green color long after being picked, is long, straight, smooth and quite free from warts or spines; for pickles and forcing. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts.

JERSEY PICKLING. Vines are wonderfully productive and the fruits are rich deep green, small and very uniform in size. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

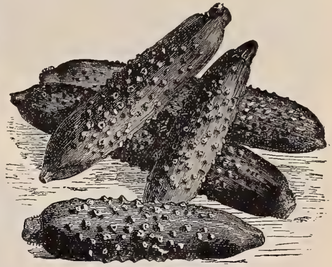
CHICAGO, or **WESTERFIELD PICKLE.** The fruits are deep green, of medium length, pointed at the ends. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

BOSTON PICKLE. A medium-sized variety, much used for pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

FORDHOOK PICKLE. Very prolific and a continuous bearer. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

THE CUMBERLAND. Thickly set with spines over the entire surface except the stem end; form straight and cylindrical. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts.

PARIS PICKLING. Distinct from all others, the fruit being strikingly long and cylindrical and covered with fine prickles; solid, crisp and tender. Pkt. 10 cts., oz. 20c., ¼lb. 60c.



JERSEY PICKLING.

JAPANESE CLIMBING. Fruits almost straight, large, and from 12 to 16 inches long; skin dark green, flesh thick and delicately flavored. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

WEST INDIA GHERKIN. Small, rough, prickly fruits, used for pickling. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

ENGLISH FRAME CUCUMBERS

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65° at night. The fruits are long, smooth and handsome, frequently growing from 20 to 30 inches long.

Improved Telegraph, pkt. 25 cts. **Improved Sion House,** pkt. 25 cts. **Duke of Edinburgh,** pkt. 25 cts.

EXTRA-LONG WHITE SPINE.

ENDIVE (Endivie)

BROAD-LEAVED BATAVIAN ENDIVE.

This is an important fall and winter salad. For early, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves may be blanched to a beautiful yellowish white in from three to five weeks by tying the tips of the outer ones together, or by laying boards over the plants. Ordinarily good soil and culture are all the crop requires. An ounce of seed will sow 150 feet of drill.

LARGE GREEN CURLED. Dark green leaves, beautifully curled, and when blanched very crisp and tender; ready for use earlier than other sorts. Pkt. 5 cts., oz. 20 cts.

BROAD-LEAVED BATAVIAN. The broad, thick leaves make excellent salads when blanched. The plant is very hardy, and yields heavier crops than other sorts, but does not blanch so easily. Pkt. 5 cts., oz. 15 cts.

WHITE CURLED. Has tender, curly leaves of silvery green. This is deservedly one of the most highly esteemed varieties of Endive. Pkt. 5 cts., oz. 20 cts.

VERY EARLY WHITE VIENNA KOHLRABI.

KALE, or BORECOLE

(Krauskohl)

This species of the cabbage family does not form heads. The leaves are of delicate flavor; quite hardy, and improved rather than injured by frost. Will grow in almost any soil, but both the flavor of the leaves and the yield are greatly improved by a rich one. An ounce of seed will sow about 200 feet of drill.

DWARF GERMAN GREENS (Siberian Kale). Generally sown broadcast, but can be sown in drills a foot apart in August, and the plants treated like spinach; they will be ready for use in fall or early spring. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DWARF CURLED GREEN SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet under good cultivation. The leaves are bright green, tender and elegantly curled. Very hardy, and one of the best grown. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

TALL CURLED GREEN SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

MOSBACH. In height between the two preceding. Leaves bent upward; light yellow-green in color; very curled; white, narrow ribs; very showy. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

CURLED MOSBACH KALE.

SEA KALE

Grown for its bleached stems, which are prepared like asparagus. Sow in drills 1 inch deep and 2 feet apart; thin out to 6 inches in the rows; the following spring plant in hills 3 feet apart. Pkt. 10 cts., oz. 30 cts.

KOHLRABI

(Kohlrabi)

The roots are very palatable when prepared for the table like turnips. If the weather is favorable the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart for White Giant, and 6 to 8 inches apart for other sorts. The stems swell into large bulbs just above the ground, and are fit for use when 3 or 4 inches in diameter. For late crops, sow seeds in June or July. An ounce of seed will produce about 2,500 plants.

VERY EARLY WHITE VIENNA. The best and earliest market sort. The plants grow rapidly, have small foliage, and mature their fine, round, white bulbs quite early. Tops very short. Pkt. 5 cts., oz. 20 cts.

EARLY PURPLE VIENNA. This variety differs from the above mainly in the color of its roots, which are bluish purple. Pkt. 5 cts., oz. 20 cts.

GREEN GIANT. A late, very large-growing sort, with immense bulbs, stems and leaves. Pkt. 5 cts., oz. 15 cts.

LEEKS (Lauch)

Leeks are much used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above; the former method gives larger stalks some time earlier than when the roots are transplanted. Should be stored like celery for winter. An ounce of seed will sow about 100 feet of drill.

LONDON FLAG. The variety most extensively cultivated by home and market-gardeners everywhere. Stalks early and large. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

MUSSELBURGH. A hardy popular sort, with broad, spreading leaves and very large stalks. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

GIANT CARENTAN. Stalks thick, short, hardy, mild-flavored. Easily distinguished by its distinct, dark-colored leaves. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

ROUEN WINTER. Stalks very large, hardy, late-keeping, and lighter green than in other sorts. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

LONG MEZIERES WINTER. Large and hardy; especially adapted for late keeping. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

LONDON FLAG LEEK.

MUSTARD (Senf)

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

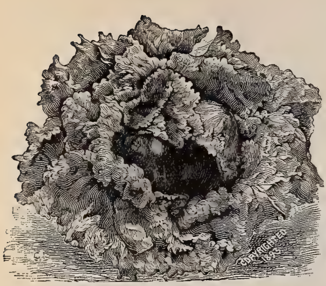
GIANT SOUTHERN CURLED. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

"MILLTRACK" MUSHROOM SPAWN

Our brand of Spawn has been celebrated for many years. It is manufactured under a peculiar process known exclusively to the manufacturer, and, when once used, no gardener will willingly take to any other kind. One chief feature of its superiority is the extraordinary length of time it continues to produce Mushrooms. Lb. 15 cts.; by mail, 25 cts.; 10 lbs. $1. Pamphlet on culture free with order.

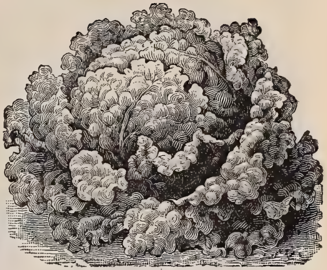
"Mushrooms, How to Grow Them." (Falconer.) $1.50, postpaid.

MUSHROOMS.



BLACK-SEEDED SIMPSON.

DEACON.



GOLDEN CURLED.

LETTUCE (Garten Salat)

Seed for the first outdoor crop is usually sown in hotbeds in February, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 12 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 6 to 8 inches apart. For Lettuce that is to be wintered over outdoors for an early spring crop, sow the Hardy Green Winter variety in a bed early in September, cover with a frame, and when the seedlings are large enough transplant them to shallow drills in a sheltered situation, and protect them with light litter of some kind. As winter approaches the drills must be drawn, so that water will drain from them, or the plants cannot survive the winter. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall, and cover up as winter approaches, until the plants are required for use. Or the seed may be sown in hotbeds early in winter and the seedlings transplanted when large enough into fine and well-prepared garden soil. Half an ounce of seed will sow 100 feet of drill, and produce about 1,500 plants.

BECKERT'S GOLDEN CURLED. The very best for early spring and summer crops. Grows rapidly, resists heat well, and forms immense, tender heads of nicely curled, light yellow leaves of the best quality. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

BECKERT'S BROWN CURLED, or **CHARTIER.** Closely resembling the above, except in color. Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining very crisp and tender. First-class for forcing and open-air culture. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

BLACK-SEEDED SIMPSON. Grows very rapidly, withstanding heat and drought unusually well, and forming large, bushy stalks. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

GRAND RAPIDS. Superb for forcing. Leaves light green, much crimped and frilled. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

HANSON. Large heads; leaves green, light yellow within; sweet and crisp. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

THE MORSE. Outer leaves light green, inner leaves blanched to a beautiful yellow. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

WHITE STAR. Grows large and rapidly; the leaf is broad, thick and top frilled. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

BIG BOSTON. The solidity and large size of the heads make this of great value for forcing and general crops. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

MAMMOTH BLACK-SEEDED BUTTER. Enormous heads. Adapted for early and late crop; stands the heat well and the quality is of the very best. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

MARKET-GARDENERS' PRIVATE STOCK. A selected strain. Solid, large heads, resisting the sun a long time before shooting up. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

MAMMOTH SALAMANDER. Immense heads; withstands heat to an unusual degree; excellent quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

WHITE CHAVIGNE. Forms a very full head, made up of large, well-rounded leaves, which are coarsely savoyed, the inner ones much lighter colored and formed into a very compact, solid head. A quick grower and slow seeder. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

IMMENSITY. Heads of immense size and solid; quality excellent; resists heat well, and valuable for a main-crop variety. Pkt. 5 cts., oz 25 cts., ¼lb. 75 cts.

GOLDEN GATE. Produces very large and solid creamy yellow heads; crisp, tender, and of fine flavor. Not surpassed as a heat-resister. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

CALIFORNIA CREAM BUTTER. Heads solid, medium early, good size, firm, crisp, tender and of creamy yellow color. Little affected by heat. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

DEFIANCE, or **PERPIGNAN.** One of the best summer varieties; heads large and solid and resists the heat well. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

WONDERFUL, or **NEW YORK CABBAGE.** Often attaining a size of 2½ pounds and over; outside leaves deep green, slightly crimped; heads hard, white, crisp, tender, of fine flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

DEACON. Heads large, solid, light green, of fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

BOSTON MARKET. A favorite for forcing. Small, compact heads; very crisp and tender. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

HOTHOUSE. Grows very rapidly; is a sure header, and does not rot on the ground. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

GOLDEN QUEEN. Fine for forcing; very early; heads small and round. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

GIANT GOLDEN HEART. Enormous heads; outside leaves dark green, inside golden yellow; quality sweet and crisp. Pkt. 10c.

HARDY GREEN WINTER. Best for standing out in winter. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

BIG BOSTON.

NETTED GEM MUSKMELON.

PAUL ROSE MUSKMELON.

MUSKMELONS

(Muscat Melonen)

Muskmelon seed should not be planted outdoors until all danger from frost is over, and the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but if the latter must be used, see that it is well rotted. Plant from six to twelve seeds in a hill, and when the young seedlings are strong enough to resist the attacks of insects, thin them, leaving three of the strongest in each hill. The vines should have clean cultivation until they cover the ground, and if they grow too rank the tips of the shoots should be pinched off, causing them to set more fruits and develop them to finer size. An ounce of seed will plant about 100 hills.

NETTED GEM (Golden Gem; Rocky Ford). Globe-shaped; small and uniform; thick-meated; flesh light green in color, and uniformly fine, luscious flavor; skin ribbed and thickly netted; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb 30 cts.

PAUL ROSE. Of medium size; flesh salmon color and very thick, quality unexcelled; very solid; a good keeping and consequently a fine shipping melon. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PRINCESS, or **PERFECTION.** Flesh thick; seed cavity small; flesh rich salmon, fine-grained, sugary and melting. Pkt. 5 cts., oz 10 cts., ¼lb. 30 cts.

EMERALD GEM. Early; flesh thick and salmon-colored, granular, sweet and delicious. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

EXTRA-EARLY HACKENSACK. A selection from the Hackensack, but earlier. Of good size, weighing from 5 to 10 pounds each. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

JERSEY BELLE. Very early; flesh green and of delicious quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MELROSE. Flesh thick and solid, light green, changing to rich salmon at the seed cavity. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

KINSMAN QUEEN. Large and early. Flesh deep salmon, rich, juicy and delicious; nearly round, slightly ribbed and netted. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CANNON BALL. Round, of medium size, heavily netted; flesh light green, good. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CHICAGO MARKET. Early; flesh thick, light green, and exceedingly good. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

THE COLUMBUS. Deep green flesh; small seed cavity; quality excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GRAND RAPIDS. Extra-early yellow-fleshed sort of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SURPRISE. Early; with thin, cream-colored rind, and thick, sweet, salmon flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BAY VIEW. Very large, early ripening, oblong Muskmelon; flesh green, sweet and spicy. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SKILLMAN NETTED. Early; roundish oval fruits, with deep green, sweet, perfumed flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CHRISTINA. Extra-early; flesh bright orange, of fine quality and peculiar flavor. Profitable and valuable. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WATERMELONS (Waffermelonen)

An effort should be made to secure good, strong vines early in the season, and this can best be done by taking care that the hills are large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection from insects should be given the young plants, and their growth may be hastened still further by frequent applications of liquid manure. As a protection from insects, netting is frequently used, and also dry ashes or coal dust sprinkled over the leaves when wet. Plant the seeds thickly, and thin the plants to four of the strongest in each hill. An ounce of seed will plant about 50 hills.

EARLY FORDHOOK. Extra-early; large, nearly round, skin tough; flesh red and very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

COLE'S EARLY. Delicate in texture; fruit nearly round and of medium size; rind thin. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DARK ICING, or **ICE RIND.** One of the sweetest and most delicious of all. Fruits of medium size; firm, delicate, with rich, fine flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SWEETHEART. Firm and heavy, crisp, melting and exceedingly sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SEMINOLE. Productive; ripens its large, delicious fruits very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

BLACK DIAMOND. Large, round; skin dark green, tough; flesh good. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

TRIUMPH. Dark green, large, of fine quality; a fine shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DUKE JONES. Large, dark green; has solid red flesh of fine quality; a fine shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

FLORIDA FAVORITE. Fruit large and long; skin mottled, flesh deep red, sweet and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

COLORADO PRESERVING. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

RED-SEEDED CITRON. This and the preceding are used for preserves, etc. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ONION SEEDS and SETS

(Zwiebel)

Good Onion Seed is of the greatest importance

Onions thrive best on a rich, deep, loamy soil. For sets, the seed should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring replant them 4 inches apart, in small drills 12 inches apart, and they will form into fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 or 4 inches apart in the drills; they must be well cultivated and kept free from weeds. Five pounds per acre will be required for large onions; for sets, 60 lbs.

SPANISH KING, OR PRIZETAKER ONION.

YELLOW GLOBE DANVERS. One of the most popular and profitable that can be grown for market. The bulbs are of fine shape and grow to good size, while the yield per acre is enormous, averaging from 600 to 800 bushels on good soil and with good culture. They have a thin, yellow skin and mild, fine-grained white flesh; they grow to fine size the first year and keep unusually well. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

MICHIGAN GLOBE DANVERS. Bulbs large and uniformly spherical, with very small necks; color rich orange-yellow; enormous yielder and good keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

AUSTRALIAN YELLOW GLOBE. Of perfect globe shape and thin-necked; early, productive and an exceptionally good keeper. Pkt. 5 cts., oz. 15 cts., ¼lb 50 cts.

FLAT YELLOW DANVERS. Grows to good size, ripens early; mild in flavor and keeps well. Flatter than the Globe Danvers, but has the same yellowish skin and attractive appearance. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

YELLOW DUTCH, or STRASBURG. Bulbs flat, and attain a good size; yellow color, white flesh, mild flavor; it is one of the best keepers. Grown largely for sets. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

SPANISH KING, or PRIZETAKER. Bulbs very large, round and handsome; rich yellow skin and mild, sweet, pure white flesh, quite free from stiff necks; bottom well, and yield enormously. A very desirable sort. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

SOUTHPORT YELLOW GLOBE. Similar to White Globe save that it is light straw-colored. Pkt. 5c., oz. 15c., ¼lb. 50c.

AUSTRALIAN YELLOW GLOBE ONION.

SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion, which sells quickly in market. The bulbs grow quite rapidly, and if the seed is sown early, good-sized roots, suitable for pulling and marketing in a green state, are soon formed. They are mild flavored, keep well, and the yield is good. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

WHITE PORTUGAL, or SILVER-SKIN. Largely grown for white Onion sets. Bulbs large and of fine appearance, with silvery white skin and sweet, tender white flesh; they do not keep well, but are mild flavored, and excellent for family use and for pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

BARLETTA. Extra-early small, pure white Onion, with delicate silvery skin and firm, mild, pleasant flesh. For pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

MAMMOTH SILVER KING. Bulbs very large, flat, thick; skin thin and silvery white; flesh sweet and tender; early and productive. Pkt. 5c., oz. 20c., ¼lb. 70c.

IMPROVED DWARF OKRA.

WHITE VICTORIA. Large, white globe shaped Onion; flesh pure white, crisp and mild; a good keeper. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

RED VICTORIA. Of same shape as preceding, skin dark red; flesh slightly tinted, mild and sweet. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

RED WETHERSFIELD. Productive and long-keeping. Bulbs deep purplish red, flat, strong-flavored, and grow to a large size the first year from the seed. Pkt. 5 cts., oz. 15 cts , ¼lb. 40 cts.

EXTRA-EARLY RED GLOBE. Earliest red Onion, and one of the best keepers; true globe shape. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

EXTRA-EARLY RED FLAT. Medium in size and deep red in color; desirable for an extra-early variety. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

ONION SETS (Prices Variable)

Where the seasons are so short that large onions cannot readily be grown from seed the first season, these are indispensable. Plant about 4 inches apart in drills 12 inches apart, lightly covered and well cultivated.

If sent by mail, add postage at the rate of 10 cts. per quart

WHITE ONION SETS. For early use. Qt. 20 cts., pk. $1.50, bus. $5.

YELLOW DANVERS. Qt. 15 cts. pk. $1.15, bus. $4.

Write for special prices on Onion Seed in large quantities

OKRA (Safran)

The tender young pods are used for seasoning soups and stews. Sow the seeds thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce of seed will plant 100 hills.

IMPROVED DWARF. Grows about 14 inches high. Pods are smooth, tender and well-flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DWARF EXTRA CURLED PARSLEY.

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart.

DWARF EXTRA CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CHAMPION MOSS CURLED. Leaves bright green, finely cut and beautifully curled. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PLAIN-LEAVED. Best for flavoring; very hardy. Pkt. 5 cts., oz. 10c., ¼lb. 20c.

HAMBURG. A very large-rooted variety; the roots are used for flavoring soups. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

PARSNIPS

(Pastinaken)

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are improved by frost, and only enough for winter use need be taken up in the fall, leaving the rest in the ground until spring, to be dug up as required. By running a plow, such as is used for breaking sod, along one side of the row, field crops of Parsnips will be thrown out so that they can be harvested easily. Deep, rich, heavy soil is best suited to the culture of Parsnips, but on any deep, rich mellow soil the yield is good per acre, and the roots will be smooth and large if no fresh manure is used; this tends to make them coarse-grained and misshapen. An ounce of seed will sow 100 feet of drill; 5 pounds will sow an acre.

IMPROVED HOLLOW CROWN. The variety most cultivated. The roots are tender and sweet, and their yield per acre is heavy. Always good and in demand. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GUERNSEY. The roots do not grow as long as those of the preceding, but are thicker and more easily gathered. A very heavy cropper; roots smooth; flesh fine-grained and of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

IMPROVED HOLLOW CROWN PARSNIP.

PEPPERS

(Pfeffer)

Sow in hotbed as early as April, and transplant to rich, warm, mellow soil, as soon as the weather has become warm and settled, setting them about two feet apart in drills 3 feet apart. Seed may be sown later in the open ground, when all danger from frost is over, and thinned to the distance given above. The pods are used in making all sorts of pickles. An ounce of seed will produce 1,000 plants.

LARGE BELL, OR BULL NOSE PEPPER.

LARGE BELL, or **BULL NOSE.** Widely grown, standard old variety, with very large, thick pods. Pkt. 5 cts., oz. 20 cts.

CHINESE GIANT. Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild. Pkt. 10 cts., oz. 50 cts.

RUBY KING. Bright red pods, about 5 inches long and 3 or 4 inches thick; mild and pleasant in flavor. Pkt. 5 cts., oz. 25 cts.

SWEET MOUNTAIN. Enormous, mild-flavored pods, much used for mango making and mixing with salads. Pkt. 5 cts., oz. 20 cts.

IMPROVED LONG RED. Pods long, curved and tapering. Two inches thick at the stem end; flavor sweet and mild. Pkt. 5 cts., oz. 25 cts.

GOLDEN QUEEN. Pods large, yellow; similar to Large Bell in shape, but milder flavored. Pkt. 5 cts., oz. 20 cts.

LONG RED CAYENNE. Pods long, slender, bright red, very sharp. Pkt. 5 cts., oz. 20 cts.

RED CHILI. Used for making Pepper-sauce. Pods small, conical, scarlet; pungent; plants very fruitful. Pkt. 5 cts., oz. 20 cts.

MARTYNIA (Gemsenhorn)

The seed-pods are excellent for pickling if gathered when tender and about half-grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in the rows. Pkt. 5 cts., oz. 20 cts.

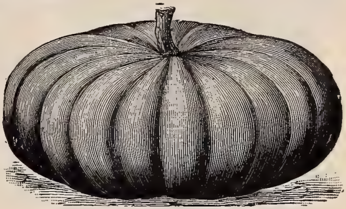
If you desire a perfect lawn, try our Evergreen Lawn Seed. See third page of cover.

PUMPKINS

(Kürbiffe)

Grown principally for stock feeding, yet some are so sweet, juicy and fine-grained that they will always be considered indispensable for pies and sauces. The vines require the same culture as that recommended for melons, but the seeds must be planted in hills much wider apart; frequently they are planted among corn. A pound of seed will plant from 200 to 300 hills.

LARGE CHEESE. Both the rind and flesh are orange-colored, and the quality is excellent for cooking purposes. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.



LARGE CHEESE PUMPKIN.

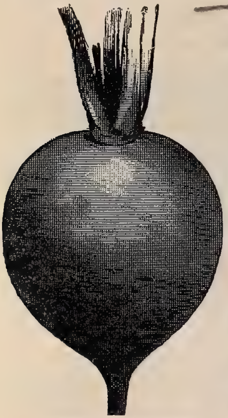
SMALL SUGAR. Fruit small, of orange-yellow color; very productive and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SWEET POTATO. Medium-sized, pear-shaped; keeps well in winter and is good for pies, etc. Flesh creamy white, of a pronounced sweet potato flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

CUSHAW. Resembles the Winter Crookneck squash in form. Flesh salmon-colored and of good flavor; rind light cream color, striped with green; fruit large. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

MAMMOTH KING. Enormous golden yellow Pumpkin, grown for stock-feeding. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

WINTER LUXURY. Of golden russet color, and finely netted. Very productive; an excellent keeper, and of the finest quality for pies. Pkt. 5c., oz. 10c., ¼lb. 30c.



CRIMSON GIANT RADISH.

GOLDEN OBLONG. Hardy and productive; fruit 15 to 20 inches in length and 8 to 10 inches in diameter; flesh yellow and of fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

CONNECTICUT FIELD. The common field Pumpkin, grown for stock-feeding. Pkt. 5c., oz. 10c., ¼lb. 30 cts.

CRISP RADISHES

(Rettig)

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 or 6 inches apart, and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

EARLY, or FORCING RADISHES

ROSY GEM, or RAPID FORCING. Globe-shaped, deep scarlet, blending into pure white at the bottom, and very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

RUBY PEARL, or SCARLET GEM. Scarlet, with white tip; extremely early and of fine quality; one of the best for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DEEP SCARLET, or SCARLET BUTTON. Round; dark red; early and fine forcer. Pkt. 5 cts., oz. 10c., ¼lb. 25c.

NON PLUS ULTRA, or FIRE BALL. Small and globular; deep, rich red color; early and fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

EARLY SCARLET TURNIP. Deep scarlet; tender, mild and crisp; quick-growing; tops small. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CRIMSON GIANT FORCING. Attains more than double the size of the other forcing Radishes without getting pithy or hollow; flesh firm, crisp and of the mildest flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

EARLY SCARLET GLOBE. Beautiful scarlet; early, crisp, tender and mild; tops small. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WHITE BOX. Turnip-shaped pure white Radish; early; fine for forcing and outdoors. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

VERY EARLY YELLOW, or YELLOW BALL. Extremely early, of fine quality, and excellent for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GOLDEN DRESDEN. Golden yellow skin; crisp, white flesh; for forcing or outdoors. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WHITE ROCKET, or EARLIEST WHITE. Olive-shaped; earliest of its class; fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

OLIVE-SHAPED WHITE. The roots are white; flesh firm and crisp. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

RED ROCKET, or STARTLE. Olive-shaped; deep scarlet in color; very small top; extremely early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

OLIVE-SHAPED SCARLET. Quite early, crisp and tender. Pkt. 5c., oz. 10c., ¼lb. 25c.

WHITE-TIPPED ROCKET, or BRIGHT BREAKFAST. An improvement on French Breakfast. Olive-shaped; deep rose, tipped white; very early. Pkt. 5 cts., oz. 10c., ¼lb. 25c.

HALF-LONG DEEP SCARLET PARIS BEAUTY. An intermediate sort for forcing in open ground. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CINCINNATI MARKET. Scarlet; small top; very early, and probably the best long red variety for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ICICLE RADISH. (See page 18.)

BECKERT'S CHARTIER RADISH.

EARLY FORCING RADISHES, continued

WOOD'S EARLY FRAME. Similar to Long Scarlet, but shorter; much used for forcing. Pkt. cts., oz. 10 cts., ¼lb. 20 cts.

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild; excellent for orcing and early outdoor crop. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts

PEARL FORCING. Shape half-long and thicker than long-growing varieties. Color waxy white, good for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

MAIN-CROP RADISHES

BECKERT'S IMPROVED CHARTIER. The finest variety in existence; early as Long Scarlet Short Top, but better in quality; will stand far longer, and is in all respects superior to any other Radish in cultivation. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

BECKERT'S NONPAREIL, or **WHITE CHARTIER.** A selection from the preceding, and like it in every point except color, which is all white; a very excellent variety. Pkt. 5 cts., oz. 10 cts., ¼lb. 20c.

LONG WHITE VIENNA. Snow-white; flesh crisp, tender and brittle; of rapid growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

LONG SCARLET SHORT-TOP. Long, straight and smooth; color very attractive. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

LONG BRIGHT SCARLET. Vivid scarlet, tipped pure white; rapid grower. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

BECKERT'S CHARTIER TURNIP. A local variety of great merit. Pure white, early, remaining tender and solid a long time. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. Pkt. 5 cts. oz. 10 cts., ¼lb. 20 cts.

GOLDEN GLOBE. Amber color; sweet, crisp; stands heat and drought. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

WHITE STRASBURG. Half-long and thick; skin and flesh pure white; excellent for summer use; grows rapidly. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

SURPRISE. Very early, olive-shaped, light brown Radish; remains in good condition for a long time; suitable for forcing or outdoors. Pkt. 5 cts., oz 10 cts., ¼lb. 20 cts.

OLIVE-SHAPED YELLOW, or **GOLDEN YELLOW OVAL.** A second-early sort, very small and remains tender for a long time. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts

WHITE BOX AND ROSY GEM RADISHES. (See page 17.)

WINTER RADISHES

CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CALIFORNIA, or **RUSSIAN.** Enormous, with good, solid flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG WHITE SPANISH. Skin and flesh white, solid and mild in flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG BLACK SPANISH. Roots black; the flesh is white and slightly pungent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ROUND BLACK SPANISH. Globe-shaped; white-fleshed; piquant flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CELESTIAL, or **WHITE CHINESE.** Pure white, firm, tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SANDWICH ISLAND SALSIFY.

RHUBARB, or PIE PLANT

(Rhabarber)

Used for making pies and sauces. Coming very early in spring, it is a very acceptable substitute for fruit. Sow the seed early, and when the plants are large enough thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse.

VICTORIA. Late; stocks thick and large; useful especially to prolong the season. Pkt. 5c., oz. 20c.

RHUBARB ROOTS. 10 cts. each, $1 per doz.

SALSIFY, or OYSTER PLANT

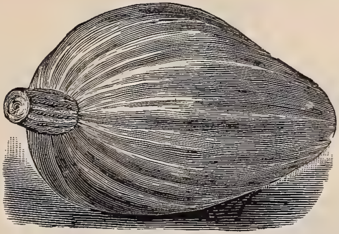
(Bocksbart)

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots. Roots are perfectly hardy, and may be left in the ground all winter, but should be dug early in the spring, as the quality deteriorates rapidly with the second growth. A quantity of roots for winter use may be stored in a pit or in sand or damp earth in a cellar. An ounce of seed will sow 75 feet of drill.

MAMMOTH SANDWICH ISLAND. A great improvement on the French sort generally cultivated. The roots are twice as large, long, smooth, tender and well-flavored, resembling fair-sized parsnips. This sort needs only to be tried to become exceedingly popular. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

WISCONSIN GOLDEN. Flesh of a yellow cast; grows to a larger size than the standard sort, and of equally good quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

GOLDEN HUBBARD SQUASH.



SIBLEY SQUASH.

BOSTON MARROW SQUASH.

SQUASHES SUMMER AND WINTER

(Spies-Kürbiß)

Squash seed should be planted about the same time and in much the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants. An ounce of seed will plant from 20 to 30 hills.

MAMMOTH WHITE BUSH. Fruit large and pure white; flesh excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GOLDEN CUSTARD BUSH. Very large scalloped Squash of rich golden yellow. Quality excellent. Pkt. 5 cts., oz. 10c., ¼lb. 25c.

PROLIFIC MARROW. An improved strain of Boston Marrow; fruit deeper orange, more rounded, thicker, having a smaller seed cavity and better flesh. A productive, good-keeping Squash. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BOSTON MARROW. Well known and popular. Skin and flesh bright orange; of excellent quality. Pkt. 5c., oz. 10c., ¼lb. 30c.

GOLDEN HUBBARD. Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

HUBBARD. A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping. Pkt. 5 cts., oz. 15c., ¼lb. 35c.

WARTED HUBBARD. Large; dark green. Shell very hard, covered with warted knobs. Very thick-fleshed, of the finest quality, and one of the best keepers in this family; the flesh is dry, rich and delicious. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

ESSEX HYBRID. Of peculiar form, round, with flattened ends; large, and keeps sometimes until June. Pkt. 5 cts., oz. 15c., ¼lb. 35c.

TURBAN. An excellent fall and winter Squash; flesh yellow, sweet and good. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

MAMMOTH CHILI. Very large and nutritious orange-colored fruits, which keep well all winter. The most profitable sort for stock-feeding. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

SIBLEY. Shell dark green, thin, hard and smooth; flesh bright orange, thick, dry and delicately flavored. Pkt. 5c., oz. 10c., ¼lb. 25c.

FAXON. Shell is thin; flesh deep yellow, thick, sweet and fine for pies. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CUSHAW. Skin mottled green with white stripes; its yellow flesh is fine-grained and very sweet; fine for pies and baking. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

GOLDEN SUMMER CROOKNECK. Early and productive; fruits yellow, covered with warty excrescences, as in all this race; flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WINTER CROOKNECK. A favorite late-keeping winter Squash; yellow skin, sweet, fine-grained flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

SPINACH

(Spinat)

One of the most important crops grown for greens, and may be had in good condition from very early in the spring until cold weather. For early use sow very early in spring, and for succession at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.

LONG-STANDING THICK-LEAVED. The best sort for spring sowing. It has large, thick, fleshy, crimped leaves of the Savoy style. Tender and of good flavor. Oz.. 5 cts.. ¼lb. 15 cts., lb. 35 cts.

VICTORIA SPINACH.

VICTORIA. Foliage thick, broad, very dark green; it will remain in prime condition two or three weeks after other sorts have run to seed. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

VIROFLAY. Good for spring sowing. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

NORFOLK SAVOY. Hardy, and well adapted for winter crops. Leaves large and wrinkled, like a Savoy cabbage. Very tender. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

BECKERT'S HARDY WINTER. The plants have long, fibrous tap-roots, which keep them from being uprooted by frost. Sow in fall, so that the plants may form good leaves before cold weather. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

NEW ZEALAND. Grows well during hot summer weather, and is of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

TOMATOES

(Liebesäpfel)

For early use, sow in February or March in a hotbed or in boxes or pots set in the warm window, and hasten the germination and growth of the plants by good care and frequent watering. When the seedlings are about 2 inches high transplant them to pots, or in rows 4 or 5 inches apart, keeping the temperature at about 60°. Subsequent transplantings will make them branching and stocky, but do not set them in the open ground until all danger from frost is past; then plant them in a warm, sunny place, and water them freely until they are well established. Some support which will keep the fruit above the ground and free from dirt should be given all plants. An ounce of seed will produce about 1,000 plants. We offer only tested varieties or those that promise to be satisfactory in general cultivation.

DWARF CHAMPION.

DWARF CHAMPION. Most valuable early market sort. Distinct in foliage and habit; plants compact, stocky and upright; fruit ripens very early and the plants yield enormously. The fruit is always smooth and handsome, ripening close to the core, and never cracking; in shape and color it resembles Acme. Pkt. 5 cts., oz. 30 cts.

BEAUTY. One of the best. Fruit glossy crimson, large, smooth, solid, never cracking, and holding its size well until late in autumn. Pkt. 5 cts., oz. 25 cts.

THE STONE. Large, perfectly smooth fruits of bright scarlet, solid and meaty; ship and keep well. Pkt. 5 cts., oz. 25 cts.

BUCKEYE STATE. Large, flat and broad. Fruits bright red, very smooth and solid; thick-fleshed and excellent. Pkt. 5 cts., oz. 25 cts.

PONDEROSA. Enormous and of good quality, but not always smooth, and does not ripen evenly. Pkt. 5 cts., oz. 35 cts.

MATCHLESS. Fruits very large, rich cardinal-red; skin tough; flesh very solid; a long keeper; produces heavy crops. Pkt. 5 cts., oz. 30 cts.

CRIMSON CUSHION. Brilliant scarlet-crimson; ripens up almost completely to the stem; almost seedless; flesh firm, meaty, of fine quality. Pkt. 5 cts., oz. 35 cts.

ATLANTIC PRIZE, or **EARLY RUBY.** Early; large size; bright red color; very productive. Pkt. 5 cts., oz. 25 cts.

THE CENTURY. Early; large and productive; fruit deep scarlet, smooth and plump. Pkt. 5 cts., oz. 35 cts.

ENORMOUS. The largest smooth Tomato in cultivation, 4 to 5 inches in diameter, round and thick through; bright red; fine quality and very productive. Pkt. 5 cts., oz. 25 cts.

FORDHOOK FIRST. Splendid early variety; fruit deep purple, large, smooth and free from cracks, very productive and finest quality. Pkt. 5 cts., oz. 25 cts.

TRUCKERS' FAVORITE. Fruit deep purple, large and deep through, very smooth and regular; productive and early. Pkt. 5 cts., oz. 25 cts.

SPARK'S EARLIANA. Very early; large size, handsome shape and beautiful red color, solid and of fine quality. Pkt. 5 cts., oz. 40 cts.

ACME. Fruit crimson, large, smooth, solid, never cracking, and holding its size well. Pkt. 5 cts., oz. 25 cts.

FREEDOM. Early; fruits of good size, round, smooth, bright scarlet, of fine quality. Pkt. 5 cts., oz. 20 cts.

MAGNUS. Same color as Beauty, but fruit of much larger size; fruit smooth and uniform and, notwithstanding its large size, it is quite early. Pkt. 5 cts., oz. 25 cts.

PERFECTION. Fruit smooth and early; flesh solid, with fewer seeds than many sorts; deep red in color. Pkt. 5 cts., oz. 25 cts.

LORILLARD. Glossy red, smooth fruit of fine flavor; very early and one of the best for forcing. Pkt. 5 cts., oz. 25 cts.

STIRLING CASTLE. Best variety for growing under glass; fruit scarlet, of medium size, perfectly smooth, of excellent quality. Pkt. 25 cts.

HONOR BRIGHT. Fruit bright red when fully ripe, large and perfect; a fine keeper and shipper. A good new sort. Pkt. 5 cts., oz. 20 cts.

COMBINATION. Good for forcing and outdoor crops. Fruit large, smooth, solid, scarlet. Pkt. 5 cts., oz. 20 cts.

DWARF ARISTOCRAT. Fruit scarlet; in all other respects similar to Dwarf Champion. Pkt. 5 cts., oz. 30 cts.

FORDHOOK FANCY. Fruits large, solid, handsome, ruby red, borne in clusters of three or four. Plants of compact, vigorous habit and very productive. Pkt. 5 cts., oz. 30 cts.

GOLDEN QUEEN. Pkt. 5 cts., oz. 20 cts.

DWARF GOLDEN CHAMPION. Similar to the Dwarf Champion, except in color of the fruit. Pkt. 5 cts., oz. 25 cts.

YELLOW PLUM. Fruits yellow; used for preserves. Pkt. 5 cts., oz. 20 cts.

RED PLUM. For preserves. Fruit bright red. Pkt. 5 cts., oz. 25 cts.

RED CHERRY. Fruit small and perfectly round and smooth. Pkt. 5 cts., oz. 25 cts.

YELLOW CHERRY. Similar to preceding, except in color. Pkt. 5 cts., oz. 25 cts.

STRAWBERRY, or **HUSK** (Winter, or Ground Cherry). Small fruits enclosed in a husk; they have the flavor of strawberries and may be preserved like plums. **Golden Husk,** pkt. 5 cts., oz. 30 cts.; **Purple Husk,** pkt. 5 cts., oz. 30 cts.

TURNIPS

(Rüben)

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight until the last week in July, and from that time onward until the last of August sow for main crop. The sowings should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

WHITE-FLESHED SORTS

EARLY WHITE MILAN. Very early; pure white, and of a fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PURPLE-TOP STRAP-LEAF. Grown largely for fall and winter crops. Pkt. 5 cts., oz. 10 cts , ¼lb. 20 cts.

LARGE EARLY RED-TOP GLOBE. Remarkable for its heavy yield per acre. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

COW-HORN. White, fine-grained, sweet flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

YELLOW-FLESHED SORTS

GOLDEN BALL. Globe-shaped roots, noted for their sweet juicy richness of flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

YELLOW STONE. Good for table or stock-feeding; solid, tender and good-keeping. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

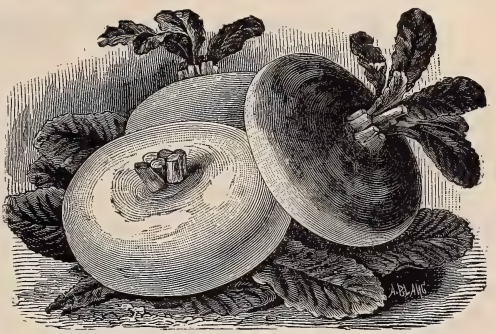
RUTABAGAS, or SWEDES

These are grown chiefly for stock, but are excellent for cooking in spring.

IMPROVED AMERICAN. Large, firm, yellow roots which keep well, are hardy and well-flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

BREAD-STONE TURNIP. Medium size, smooth, white, sweet and solid. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

SWEET GERMAN. Large, white; fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.



EARLY WHITE MILAN AND PURPLE-TOP STRAP-LEAF TURNIPS.

VEGETABLE PLANTS AND ROOTS

Those desiring large quantities should write for special prices.

Asparagus Roots. Strong, two-year-old roots, $1 per 100, $7 per 1,000.

Rhubarb Roots. 10 cts. each, by mail 20 cts.; $1 per doz.

Horse-Radish Roots. 10 cts. per doz., by mail 20 cts.; 60 cts. per 100.

Chives. Per clump 10 cts., by mail 20 cts.; $1 per doz.

The following plants all in their season. Ask for prices.

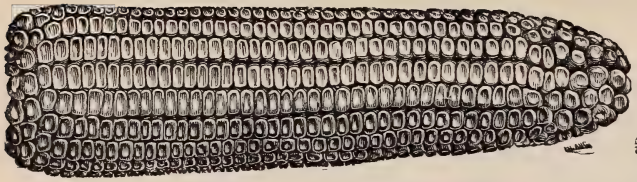
Beets, Brussels Sprouts, Cabbage, Cauliflower, Celery, Celeriac, Eggplant, Endive, Kohlrabi, Leek, Lettuce, Pepper, Tomato.

SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials marked thus (*) carefully in hotbeds, early in the spring, and at the proper time transplant in permanent beds, in rows about 18 inches apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open air early in the spring, in drills 12 to 15 inches apart, and thin out.

All varieties, 5 cts. per packet.

Anise. Used for garnishing and flavoring. The seeds have an agreeable and aromatic flavor, and are used in medicine.
Angelica. Has medicinal virtues.
Asperula odorata. Fragrant leaves and stems.
Balm. Leaves possess a lemon fragrance. Made into Balm tea for fever, and into a beverage called "Balm wine."
Bene. Leaves form a mucilaginous drink, beneficial in cases of cholera infantum, diarrhœa, etc.
Borage. A pot herb and excellent for bees.
Basil, Sweet. For soups, stews and sauces.
Burnet. For salads and soups.
Caraway. The seeds are used in cakes, confectionery, etc.
Chervil, Curled. An aromatic herb. The young leaves are used in soups and salads.
Chamomile. Used for tea.
Chives.* For garnishing.
Coriander. Grown for its seeds, which are used in confectionery.
Cumin. For seasoning.
Dill. Used for pickling. Has an aromatic odor and a warm, pungent taste.
Elecampane. Has valuable tonic properties.
Fennel.* Used for pickling and sauces.
Henbane. Has medicinal qualities.
Hop Seed.
Horehound.* Valuable for medicine.
Hyssop. Used in asthma and chronic catarrh.
Lavender. Used for perfume.
Lovage. Medicinal.
Majoram, Sweet. Used for seasoning.
Marjoram, Pot.
Pennyroyal.* The true Pennyroyal.
Rosemary.* An aromatic, ornamental herb.
Rue.* Used for medicinal purposes.
Saffron. The flowers are used in dyeing.
Sage.* Medicinal, but used principally for flavoring.
Savory, Summer. The dried stems, leaves and flowers are used extensively for flavoring.
Savory, Winter.
Thyme. The young leaves and tops are used for sauces, soups and dressings. Good remedy for nervous headache, when made into tea.
Thyme, Winter.
Wormwood. Medicinal.



WHITE CAP YELLOW DENT CORN.

MISCELLANEOUS SEEDS

PRICES VARIABLE

To prices of seeds quoted by the pound, add 8 cents if they are to be sent by mail

Buckwheat, Japanese. Pk. 35 cts., bus. $1.25.

Buckwheat, Silver Hull. Pk. 35 cts., bus. $1.25.

Beans, Early Soja. Lb. 10 cts., pk. 75c., bus. $2.50.

Cow-Peas, Southern. Various sorts. Market price.

Corn, White Cap Yellow Dent. Bus. $1.50, 2 bus. (including sack) $2.75.

Corn, Leaming Improved. Bus. $1.50, 2 bus. (including sack) $2.75.

Corn, Pride of the North. Bus. $1.50, 2 bus. (including sack) $2.75.

Corn, Red Cob Ensilage. Bus. $1.50, 10 bus. and over at $1.40.

Corn, White Rice Pop. Qt. 20 cts., by mail 35 cts.

Corn, Golden Queen Pop. Qt. 20 cts., by mail 35 cts.

Flax Seed. Lb. 10 cts., pk. 75 cts., bus. $2.50.

Millet, Southern German. Price variable.

Millet, Hungarian. Price variable.

Osage Orange. Lb. 30 cts.

Peas, Canada Field. Pk. 50 cts., bus. $1.75.

Rye. Pk. 35 cts., bus. $1.35.

Rape, Dwarf Essex. Lb. 10 cts., 100 lbs. $7.50.

Sorghum, Early Amber. Lb. 10 cts., 100 lbs. $3.

Sorghum, Broom Corn, Evergreen. Lb. 10 cts., 100 lbs. $3.

Sorghum, Kaffir Corn. Lb. 10 cts., 100 lbs. $3.50.

Sunflower, Russian. Lb. 10c., 100 lbs. $6.

Vetches, Winter. The best for both spring and fall sowing. Pk. $1, bus. $3.50.

THE BEST SEED POTATOES

(Kartoffeln) Prices subject to change

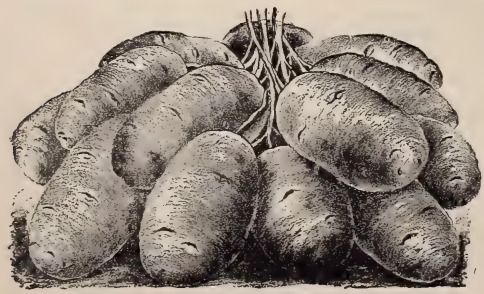
Our Potatoes are all choice northern-grown stock, grown especially from seed. We send out no Potatoes in spring before danger of frost is past.

All varieties sent free by mail at 20 cts. per pound, except where otherwise noted. Prices here quoted are based on present value, and are subject to variation without notice

The Bovee. Early as any Potato yet introduced. In competitive trials with other early sorts it has outyielded them all. Vine dwarf and stocky; tubers grow very close together in the hills. Pk. 50 cts., bus. $1.60.

Early Ohio. Leading early variety; tubers rough in the skin; nearly round, and quite distinct in appearance; cook dry and mealy. Pk. 50 cts., bus. $1.60.

Early Puritan. Skin and flesh white; cook dry and floury; very productive. Pk. 50 cts., bus. $1.60.



THE BOVEE POTATOES.

Country Gentleman. Resembles Beauty of Hebron, but ripens later and yields better crops. Quality fine. Pk. 50 cts., bus. $1.60.

Rochester Rose. An improvement on Early Rose. Larger in size, fully as early, and a heavy yielder. Pk. 50 cts., bus. $1.60.

Late Puritan. Like Early Puritan in color, quality and general appearance, but larger and far more productive; is very popular in some localities. Pk. 50 cts., bus. $1.60.

Restaurant. A heavy yielder; for the main crop hard to surpass. If you wish to raise a heavy crop of large, handsome Potatoes, this is a good one to plant. Pk. 50 cts., bus. $1.60.

Sir Walter Raleigh. New, large, smooth, oblong, white; heavy yielder for main crops. Pk. 50 cts., bus. $1.60.

Thoroughbred. New. Medium early, long, pink; heavy yielder and of fine quality. Pk. 50 cts., bus. $1.60.

Good News. Skin light pink, like Early Rose; flesh pure white, quality of the very best; although early, it keeps well; very productive. Pk. 50 cts., bus. $1.60.

Early Six Weeks. Of the Ohio class; good for early crop, being extra early and of good quality while still young. Pk. 50 cts., bus. $1.60.

Uncle Sam. Mid-season variety; tubers roundish flattened, smooth, white, heavy yielder, good keeper and of excellent quality. Pk. 50 cts., bus. $1.60.

SWEET POTATOES—Nansemond, or Yellow Jersey

The leading variety. Owing to their perishable nature, we cannot keep them in stock, but supply orders booked in advance. Pk. 50 cts., bus. $1.60.

Do not spoil your Potato crop by buying poor seed

GRASS SEED

Prices variable. Prices of Grass Seed fluctuate; rates here given are those ruling at this date. For Grass Seed sent by mail, add postage at the rate of 8 cts. per lb. to prices. Write for special prices on large quantities.

Awnless Brome (*Bromus inermis*). Withstands droughts and produces heavy crops. Lb. 25c., bushel of 14 lbs. $2.25, 100 lbs. $14.

Creeping Bent (*Agrostis stolonifera*). Succeeds well in moist situations. Lb. 30 cts., bushel of 20 lbs. $4.50, 100 lbs. $20.50.

Crested Dog's-Tail (*Cynosurus cristatus*). Valuable for pasture on hard, dry soils. Lb. 45 cts., bushel of 21 lbs. $8.10, 100 lbs. $36.50.

Fine-leaved Fescue (*Festuca ovina tenuifolia*). Flourishes well on dry and sterile soils; well suited for lawns. Lb. 35 cts., bushel of 14 lbs. $3.85, 100 lbs. $25.50.

Hard Fescue (*Festuca duriuscula*). Thrives well in dry situations where many other grasses will not grow. Lb. 25 cts., bushel of 14 lbs. $2.20, 100 lbs. $13.50.

Italian Rye (*Lolium Italicum*). Thrives in any soil and yields abundant crops. Lb. 20 cts., bushel of 24 lbs. $2.80, 100 lbs. $9.75.

Kentucky Blue (*Poa pratensis*). Sow in fall or spring at the rate of two or three bushels per acre. Our seed is free from chaff and may be sown almost as easily as Timothy. Fancy quality. Lb. 20 cts., bushel of 14 lbs. $2.25, 100 lbs. $14.

Lawn Grass. See third page of cover.

Meadow Fescue (*Festuca pratensis*). Valuable for mixtures for permanent pastures. Lb. 23 cts., bushel of 22 lbs. $3.30, 100 lbs. $13.

Meadow Foxtail (*Alopecurus pratensis*). Desirable for permanent pasture on moist soil; early, and rapid in growth. Lb. 25 cts., bushel of 7 lbs. $1.85, 100 lbs. $24.50.

Orchard (*Dactylus glomerata*). Rapid in growth and yields a large aftermath; earlier than other grasses. Choicest grade. Lb. 28 cts., bushel of 14 lbs. $2.80, 100 lbs. $17.50.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels per acre. Lb. 20 cts., bushel of 24 lbs. $2.80, 100 lbs. $9.75.

Sweet Vernal (*Anthoxanthum odoratum*). Mixed with other grasses, it is valuable for pasture on account of its earliness; pleasant in fragrance. Lb. 90 cts.

Red Top (*Agrostis vulgaris*). Very suitable for pasture on low ground. Choice, lb. 19 cts., bushel of 14 lbs. $1.55, 100 lbs. $9; fancy, lb. 25 cts., bushel of 32 lbs. $4.80, 100 lbs. $13.

Rhode Island Bent (*Agrostis canina*). A very fine variety for lawn or pasture. Lb. 35 cts., bushel of 14 lbs. $3.80, 100 lbs. $25.

Rough-stalked Meadow (*Poa trivialis*). Valuable both for moist and dry soils. Lb. 40c., bushel of 14 lbs. $4.70, 100 lbs. $31.50.

Sheep Fescue (*Festuca ovina*). Short, very thick in growth; excellent for sheep pasture. Lb. 25c., bushel of 12 lbs. $1.95, 100 lbs. $14.

Tall Meadow Fescue (*Festuca elatior*). Early, suitable for pasture mixtures on wet land. Lb. 43 cts., bushel of 14 lbs. $4.85, 100 lbs. $32.50.

Tall Meadow Oats (*Avena elatior*). Rapid and luxuriant in growth; valuable for soiling. Lb. 32 cts., bushel of 15 lbs. $3.60, 100 lbs. $22.

Timothy (*Phleum pratense*). Leading grass for hay. 45 lbs. to bushel. Best grades only. Market price.

Wood Meadow (*Poa nemoralis*). Very suitable for sowing under trees. Catches quickly and well. Lb. 45 cts., bushel of 14 lbs. $5.35, 100 lbs. $36.

SPECIAL GRASS SEED MIXTURES

Meadow or **Pasture.** On good land. For one acre, 35 lbs. Bushel of 18 lbs. $2.50.

Permanent Pasture. On good land. Gives a good thick, heavy sod that yields abundant pasturage for live stock. For one acre, 35 lbs. Bushel of 18 lbs. $2.80.

CLOVER SEED

Prices variable. Add 8 cents per pound for postage

Alsike, or **Swedish** (*Trifolium hybridum*). Fine for pasturage for ensilage. Lb. 25 cts., bushel of 60 lbs. $9.60.

Alfalfa, or **Lucerne** (*Medicago sativa*). Will bear cutting three or four times during the season. Best Clover for bringing up poor land. Lb. 25 cts., bushel of 60 lbs. $10.20.

Crimson Clover (*Trifolium incarnatum*). Very productive; greedily eaten by cattle. Lb. 15 cts., bushel of 60 lbs. $4.50.

Mammoth Red Clover (*Trifolium pratense perenne*). Best grade. Bushel of 60 lbs. market price.

Red Clover (*Trifolium pratense*). Best grade. Bushel of 60 lbs. market price.

Sainfoin, or **Holy Clover** (*Onobrychis sativa*). Lb. 15 cts., bushel of 20 lbs. $2.40.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. Highest grade of seed. Lb. 30 cts., 100 lbs. $25.

Yellow Trefoil (*Medicago lupulina*). Used in combination with other grades. Lb. 15 cts., 100 lbs. $12.

POULTRY SUPPLIES

Prepared Poultry Food. For laying hens, turkeys, geese, and all kinds of fowls. It will double the production of eggs. It contains everything necessary to produce an abundant supply of eggs, and at the same time keep the poultry in a healthy condition. It is composed entirely of pure animal bone and meats. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Green Granulated Bone. (Manufactured for chicken feed.) Give the chickens free access to it; it will be but little expense, and will yield you large returns in increased size and greater number of eggs. Lb. 5 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.35, 100 lbs. $2.50.

Rust's Egg-Producer. 1-lb. box 25 cts., by mail 44 cts.; 2½-lb. box 50 cts., by mail 94 cts.; 6-lb. box $1, 10 lbs. $1.50, 25 lbs. $3.50.

Rust's Haven's Climax Condition Powder. 13-oz. box 25 cts., by mail 40 cts.; 32-oz. box 50 cts., by mail 85 cts.; 5 lbs. $1, 8 lbs. $1.50, 20 lbs. $3.50.

Rust's Liquid Lice-Killer. Qt. 35 cts., ½-gal. 60 cts., gal. $1.

Crushed Flint Grit. 5 lbs. 10 cts., 25 lbs. 35 cts., 50 lbs. 65 cts., 100 lbs. $1.25.

Crushed Oyster Shells. 5 lbs. 10 cts., 25 lbs. 35 cts., 50 lbs. 65c., 100 lbs. $1.25.

Meat-Meal. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Lice-Killing Powder. 10 cts. and 25 cts. per pkg.

Lice-Killing Paint. 10 cts. and 25 cts. per pkg.

Roup Pills. 25 cts. per pkg.

Sulphur for fumigating henneries. Lb. 10 cts., by mail 27 cts.; 5 lbs. 40 cts.

Persian Insect Powder for dusting henneries. Lb. 40 cts., by mail 55 cts.

SEEDS FOR PIGEONS AND OTHER BIRDS

Buckwheat. Qt. 10 cts., pk. 35 cts., bus. $1.25.

Canada Peas. Qt. 10 cts., pk. 50 cts., bus. $1.75.

Canada Corn. Qt. 10 cts., pk. 50 cts., bus. $1.75.

Canary Sicily. Lb. 10 cts., 100 lbs. $5.

Hemp. Lb. 10 cts., 100 lbs. $4.75.

Kaffir Corn. Lb. 10 cts., 25 lbs. $1, 100 lbs. $3.50.

Lettuce Seed. Lb. 25 cts.

Maw, Blue Poppy. Lb. 25 cts.

Millet, German. Qt. 10 cts., pk. 40 cts., bus. $1.50.

Rape, German. Lb. 10 cts., 100 lbs. $5.

Rough Rice. Lb. 10 cts., 100 lbs. $6.

Sunflower. Lb. 10 cts., 100 lbs. $6.

Vetches. Qt. 15 cts., pk. 75 cts., bus. $2.75.

FERTILIZERS

PRICES VARIABLE. FERTILIZERS SOLD FOR SPOT CASH ONLY

Commercial fertilizers are more quickly available as plant-food than manure, less heating and less disagreeable to handle. We offer only the best grades, adaptable to different soils and important crops, at popular prices.

Albert's Plant-Food. Very effective for pot-plants, requiring only a minute quantity to do the work. Can 15 cts., by mail 25 cts.

Bowker's Plant-Food for pot-plants is used by dissolving a teaspoonful to a pint of water, and applying to the soil every few weeks. Pkg. 15 cts., postpaid 25 cts.

Full Value Phosphate. Contains a high percentage of phosphoric acid in an available form. 100 lbs. $1.35, 200 lbs. $2.45, 500 lbs. $5.65, 1,000 lbs. $10.25, ton $18.50.

Banner Phosphate. Strictly pure. 100 lbs. $1.60, 200 lbs. $2.95, 500 lbs. $6.90, 1,000 lbs. $12.75, ton $23.50.

Pure Raw Bone Meal. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 22 cts., 10 lbs. 40 cts., 25 lbs. 60 cts., 50 lbs. $1.10, 100 lbs. $1.90, 200 lbs. $3.60, 500 lbs. $8.50, 1,000 lbs. $16, ton $30.

Pure Raw Bone Flour. Same as preceding, but fine as dust; acts quickly; fine for florists' work. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 70 cts., 50 lbs. $1.30, 100 lbs. $2.30, 200 lbs. $4.35.

Dissolved Bone and Potash. Adapted to soils where ammonia is not required. 100 lbs. $1.45, 200 lbs. $2.65, 500 lbs. $6.15, 1,000 lbs. $11.25, ton $20.50.

Pure Potato Manure. Special brand for potatoes. Composed of pure bone, meat, blood, and large percentage of phosphate. 100 lbs. $2, 200 lbs. $3.65, 500 lbs. $8.65, 1,000 lbs. $16.25, ton $30.50.

Sheep Manure. A most excellent stimulant, promoting a strong, healthful and rapid growth. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 70 cts., 50 lbs. $1.25, bbl. of 150 lbs. $3, ton $35.

Peruvian Guano. A well-known stimulant for pot-plants. Use as a liquid, 1 oz. to 8 or 10 gallons of water. Apply once a week. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. 85 cts., 50 lbs. $1.55, 100 lbs. $2.90, 200 lbs. $5.30, 500 lbs. $12.75, 1,000 lbs. $24.50, ton $47.

Odorless Lawn Fertilizer. A clean high-grade fertilizer especially prepared for us. Produces a rapid, rich green growth of grass. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. $1.40, 100 lbs. $2.50, 200 lbs. $4.80, 500 lbs. $11.50, 1,000 lbs. $22, ton $42.

Canada Unleached Hard Wood Ashes. Fine for lawns or orchards. Barrel of 250 lbs. $3, 500 lbs. $5.75, 1,000 lbs. $11, 1,500 lbs. $15.75, ton $20. No smaller parcel sold than one barrel of 250 lbs.

Clay's Fertilizer, Imported. Highly recommendable where best results are desired with flowers and vegetables under glass. Sack of 7 lbs. 75 cts., 14 lbs. $1.25, 28 lbs. $2, 56 lbs. $3.50, 112 lbs. $6.50.

Thompson's Vine and Plant Manure. Combines immediate with lasting effects. A perfect food for grape-vines and other fruit-bearing plants, for vegetables, chrysanthemums, etc. Pkg. of 7 lbs. 75 cts., 14 lbs. $1.25, 28 lbs. $2, 56 lbs. $3.50, 112 lbs. $6.50.

Ichthemic Guano. Yields to the soil the exact elements required by the plant in well-balanced proportions. Suitable alike for vegetables, flowers or fruit. Pkg. of 7 lbs. 75 cts., 14 lbs. $1.25, 28 lbs. $2, 56 lbs. $3.50, 112 lbs. $6.50.

Soft Coal Soot. Stimulates luxuriance of growth and gives darkness and brilliancy to foliage and flowers. 100 lbs. $4.

Muriate of Potash. 80 per cent pure. Fine orchard fertilizer. *Price variable.*

Sulphate of Potash. Best grade. *Price variable.*

Sulphate of Ammonia. Best grade. *Price variable.*

Nitrate of Soda. Best grade. *Price variable.*

Button Bone. For preparing soil for roses, grape-vines, trees, small fruits, etc. 10 lbs. 40 cts., 100 lbs. $2.50, 200 lbs. $4.50.

Horn Shaving. A fertilizer especially adapted for roses, chrysanthemums, etc. Fine grade. 25 lbs. $1.50, 50 lbs. $2.50, 100 lbs. $4.50.

Mapes' Celebrated Fertilizers. State brand and quantity wanted and we will quote prices. No less quantity than 200-lb. sacks.

Thomson's Special Chrysanthemum Manure. Used as an additional stimulant on flowering plants during the growing season; a heaped dessert spoonful will be sufficient for a 10-inch pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season. The very best results will follow. Lb. 25 cts.

INSECTICIDES AND FUNGICIDES

Ant Exterminator. Effectual for the destruction of ants. Package 25 cts.

Arsenoid. Used in the same manner as Paris green. ¼-lb. box 10 cts., ½-lb. box 15 cts., 1-lb. box 25 cts., 5-lb. box $1.10, 10-lb. box $2.

Bordeaux Mixture, Powell's. Made ready for use by applying water. 1 lb. makes 5 gallons of spray. Lb. 25 cts., 5 lbs. 80 cts., 10 lbs. $1.40, 25 lbs. $3.25.

Cattle Comfort for insects on domestic animals. Qt. 45 cts., gal. $1.15, 5 gals. $5.

Copperdine for fungus, mildew, rust and black-rot. 1 lb. makes 16 gallons. Lb. 25 cts., 5 lbs. $1.

Fir Tree Oil. Destroys all kinds of insects. Dilute according to directions, apply with syringe, or by dipping the plant in it. ½pt. 50 cts., pt. 80 cts., qt. $1.50, ½gal. $2.75, gal. $5.

Fir Tree Oil Soap. Fir tree oil prepared in soap form. ½lb. 25 cts., by mail 33 cts.

Fostite. Best remedy for mildew, black-rot, leaf-mold, etc. Lb. 15 cts., by mail 30 cts.; 5 lbs. 60 cts., 25 lbs. $2.25.

Flowers of Sulphur. For the prevention and destruction of mildew on plants. Lb. 10 cts., by mail 27 cts.; 5 lbs. 40 cts., 10 lbs. 60 cts., 100 lbs. $5.

Gishurst's Compound. Effectual for preventing and destroying green, brown and black fly, mildew, thrips, mealy bug and scale. Box 50 cts., by mail 65 cts.

Grape Dust. For mildew, mold and rust. Pkg. 10c., 5 lbs. 30c.

Hellebore, Powdered White. For rose-slugs, currant-worms, etc. A small quantity of flour mixed with it gives adhesiveness; dust on with gum or bellows while the foliage is moist. For fluid applications mix 1 pound with 25 to 40 gallons of water. Lb. 25 cts., by mail 40 cts.; 5 lbs. $1.

Kerosene Emulsion, Powell's. Made ready for use by adding water. 1 pound makes 10 gallons. Lb. 20 cts., 5 lbs. 75 cts.

London Purple. Highest grade. Used for killing potato bugs. Lb. 25 cts., by mail 40 cts.

Lemon Oil. Destroys mealy bugs, scale, thrips, etc. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. $1.25, gal. $2.

Nicoticide fumigating compound. 4 ozs. 70 cts., ½pt. $1.25, pt. $2.50. Vaporizing apparatus, 50 cts.

Nikoteen. Contains 40 per cent nicotine; 1 pint contains as much nicotine as 200 pounds of tobacco stems. Pt. $1.50, 5 pts. $7.

Nikoteen Aphis Punk. A convenient preparation of nicotine for fumigating. Box of 12 rolls, 60 cts.; case of 12 boxes, $6.50.

Paris Green, Pure. In boxes, lb. 30 cts.; by mail 45 cts.

Permol Kerosene Soap. Superior remedy for scale. Package 10 cts., lb. 30 cts.

Persian Insect Powder. Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the house. ¼lb. 15 cts., lb. 40 cts., by mail 55 cts.

Scrofularia Powder. For carpet beetles, roaches and bedbugs. Package 25 cts.

Slug-Shot. This non-poisonous powder requires no further mixing or preparing. It is very effectual in destroying potato bugs, and bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. Package 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. $4.25.

Soft Coal Soot. For slugs, maggots, grub and cutworms. 100 lbs. $4.

Thrip Juice. For scale and mealy bug. Pt. 50 cts.

Tobacco Extract, Rose Leaf. Very strong, and is specially prepared for evaporation; it is sure death to insects. If house is heated by hot water, the extract can be put on the pipes. ½ pt. 20 cts., pt. 30 cts., qt. 50 cts., gal. $1.25.

Tobacco Soap, Sulpho. Kills all insect life in the window garden or conservatory. Unsurpassed for roses; also valuable exterminator of moths, cockroaches and carpet bugs. A superior wash for dogs and other animals. Relieves horses and cows from the torment of flies, prevents poultry lice. 3-oz. pkg. 10 cts., by mail 13 cts.; 8-oz. pkg. 20 cts., by mail 28 cts.; lb. 35 cts., by mail 50 cts.

Tobacco Soap, Pinner's. A very potent specific for insects, parasites and their eggs. May be used either for plants or animals. Lb. 35 cts., by mail 50 cts.

Tobacco Stems. For fumigating. Fresh baled. Bale of about 300 lbs. $2.

Tobacco Dust. The most effective and cheapest remedy for the flea on cabbage, radish, etc. Package 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2, 100 lbs. $3.

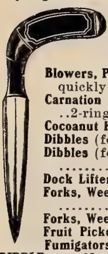
Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 15 cts., postpaid 30 cts.; 10 lbs. $1.25.

Weed-Killer. Effective for clearing gravel paths and drives from weeds. One application will do for a season. 1 gallon to 40 gallons of water sufficient for 150 square yards of surface. Gal. $1.25, 5 gals. $6.

MISCELLANEOUS SUPPLIES

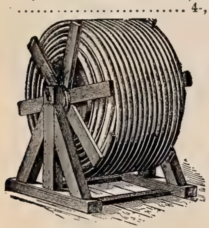
Each

Asparagus Knife. American $0 35
Asparagus Knife. English, with saw 1 50
Baskets, Quart Berry .... 1,000 $4.50..
Bellows. Fitted with powder receptacle. Capacity 2, 3, 4, 6, 8, 12 and 16 oz. of powder.. ....50 cts., 75 cts., $1, $1.25, $1.50, $1.75 and 2 00
Bill Hooks. English 1 40
Blowers, Peerless Sulphur. Have no equal. Do the work quickly and well 4 75
Carnation Supports ....2-ring, doz. 45c., 100 $3.25; 3-ring, doz. 55c., 100 $3.75..
Cocoanut Fiber .... 100 lbs. $2..
Dibbles (for planting), **Iron** 35
Dibbles (for planting), **Wooden Handle.** Steel points .... Small, 35 cts.; large, 40
Dock Lifters, Tyson's. For lifting docks and other plants.. 1 25
Forks, Weeding, English, steel .... Long handle, $1; short handle, 75
Forks, Weeding. With straight prongs 60
Fruit Pickers, Wire 40
Fumigators. For fumigating greenhouses—
No. 1. ½ peck 1 50
No. 2. 1 peck 2 00
No. 3. 2 pecks 2 50
No. 4. 3 pecks 3 00



DIBBLE

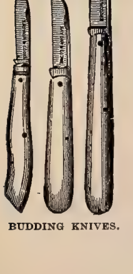
Garden Lines .... 100 feet 25c., 300 feet 70c...
Garden Line Reels, with stake 8-in. $1, 10-in. 1 50
Glass Cutters. Steel wheel 15
Glazing Points, Peerless .... 1,000 60c., by mail 75c...
Glazing Point Pincers, for driving above 50
Glazing Points, Seibert's .... Lb. 50c., by mail 65c...
Gloves, Goatskin. For handling thorny plants 1 25
Grafting Wax .... ¼lb. 10c., ½lb. 15c., lb. 25c...
Grass Edging-Knives, Saynor's 8-in. $1.25, 9-in. $1.35, 10-in. 1 50
Grass Hooks, English. Riveted back 60
Grass Hooks, American 25
Hanging Baskets. Galvanized wire..10-in. 25c., 12-in. 35c., 15-in. 60
Hoes, Dutch Scuffle. Welded, English .... 4-, 6- and 8-in. blade, 45c., 60c. and 70



RUBBER HOSE.

Horse-Radish Grater. On frame, with steel pins 11 00
Hose Nozzle, Daisy. Spray or solid stream 50
Hose, Rubber. In 50-foot lengths, including couplings—
Puritan .... 50 feet, $10..
Normal .... 50 feet, $7..
Hose Couplers. Brass .... pair 20c...
Hose Menders. Brass. ½- and ¾-in., each size 10 cts. per doz., 100 by mail, $1.10..
Hose Reels. All iron; hold 100 feet of hose 2 75
Hotbed Mats, Burlap. 40 x 76.. .... Doz. $11.. 1 00
Hotbed Mats, Burlap. 76 x 76 .... Doz. $14.. 1 25
Hotbed Mats, Waterproof. Same as above, with waterproof duck on one side. 40 x 76 .... Doz. $16.. 1 50
76 x 76 .... Doz. $22.. 2 00
Immortelles. Red, pink, blue, white, yellow and purple ...... Bunch 35c., doz. $3.50..
Knives, Budding, Saynor's Best. With 1 straight blade $1.50, with 1 round point blade 1 50
Knives, Budding, American 75
Knives, Pruning, Saynor's. Curved staghorn handle 3-, 3¼-, 3½-in. 1 50
Knives, Pruning, American .... 75c. and 1 00
Knives, Pruning. With wooden handle 40

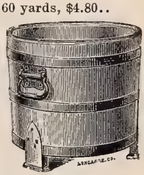
Labels. Painted wooden pots—	100	1,000
4-inch	$0 15	$0 95
5-inch	20	1 30
6-inch	25	1 50
8-inch	40	
Labels, Garden—		
8-inch; 1¼ in. wide	50	
10-inch; 1¼ in. wide	65	
12-inch; 1¼ in. wide	80	
14-inch; 1½ in. wide	1 75	
Labels, Tree. Painted; copper-wired.		
3½-inch	25	1 75



BUDDING KNIVES.

Each

Lawn Trimmer, Cleveland $0 40
Leaf-Mold for potting .... 100 lbs. $1.50..
Mastica. An improved putty .... Gal. $1.25..
Mastica Machine. For applying putty 1 25
Mole Trap, Out-of-Sight .... By mail, $1.25.. 1 00
Mole Trap, Little Giant .... By mail, $1.. 75
Moss, Green Log .... Square yard, 40c.; bbl. $2.50..
Moss, Sphagnum, Dried .... Bbl. $1.50..
Moss, Sphagnum, Live. For orchid and other plants..Bbl. $3.50..
Paper, Tissue .... Ream, 70c...
Paper, Wax Tissue .... Ream, $2..
Peat, Fibrous Orchid. For orchids and other plants..Bbl. $3.50..
Peat, Jersey. For mixing with potting soil.......... Bbl. $1.50..
Pencils, Indelible, Wolf's. For writing on labels 10
Plant-Protecting Cloth. Medium weight..Bolt of 60 yards, $4.80..
Plant Tubs, Union. Made of ⅞-inch cypress, light, neat, durable; painted green— Each
No. 1. 13½ in. diam., 11½ in. high ..$0 90
No. 2. 14 in. diam., 13½ in. high 1 20
No. 3. 16 in. diam., 15½ in. high 1 50
No. 4. 20 in. diam., 18 in. high 2 00
No. 5. 24 in. diam., 20 in. high 2 75



PLANT TUB.

Plant Tubs, White Cedar. Painted green, hoops, handles and leg casting painted black; the best tub made—
No. 8. 12 in. diam., 10 in. high 1 75
No. 7. 13 in. diam., 11 in. high 2 00
No. 6. 14 in. diam., 12 in. high 2 25
No. 5. 16 in. diam., 14 in. high 2 75
No. 4. 18 in. diam., 16 in. high 3 00
Each
No. 3. 21 in. diam., 18 in. high $3 75
No. 2. 23 in. diam., 20 in. high 4 25
No. 1. 25 in. diam., 22 in. high 4 75
No. 0. 27 in. diam., 24 in. high 5 25
Plant Tubs, Wood Fiber—
12½-inch diam. on top will fit 12-inch roller stand 90
13½-inch diam. on top will fit 14-inch roller stand 1 15
19- inch diam. on top will fit 20-inch roller stand 1 75
21½-inch diam. on top will fit 22-inch roller stand 2 00
Powder Gun, Cyclone. For insect powder 15
Powder Gun, Jumbo 20
Pruning Tree Hook and Saw, Little Giant. Light and very strong. The saw can be detached when not required—
Hook and Saw, without pole 1 50
Hook only 1 00
Pruning Tree Saw and Knife, without pole 1 25
Putty Bulbs. For applying Mastica and Twenlow putty......... .... By mail, $1.10.. 1 00
Putty, Twenlow's English .... Gal. $1.30, 5-gal. kit 6 25
Raffia. For tying .... Lb. 25c., 5 lbs. $1..
Saw, Pruning, Saynor's ..14-, 16- and 18-in. blades $1.25, $1.50 and 1 75
Saws, Pruning, American .... 60 cts. to 1 25
Scissors, Bow Pruning. 4½-in. 80
Scissors, Vine. 7-in. 1 25
Scythes, Lawn. English riveted, 36-in. blade 1 50
Scythe-Stones, Welch Talacre 15
Seeder, Indiana Broadcast 1 50
Seeder, Eureka. For sowing seed in hotbeds 1 00
Shears, English Hedge, Saynor's. With pruning notch .... 8-in. blade, $1.50; 9-in. $1.75; 10-in. 2 00
Shears, Grass Border, Saynor's .... 8-in. blade, $2.25; 10-in. 2 75
Shears, Grass Border, Saynor's, with wheel. 8-in. blade 2 50
Shears, Grass Lawn, Saynor's. Two wheels to use under shrubbery and fences. 9-inch blade 3 00
Shears, Lopping, Saynor's ..... 27-in. handles $2, 31-in. $2.50, 38-in. 3 00
Shears, Sliding Pruning, Saynor's 2 00
Shears, Sheep or Grass, Saynor's. Bow spring 1 15
Shears, Sheep or Grass, American .... 50 cts and 75
Shears, Pruning. With wheel spring. Ladies' polished. 6½-in... 1 25
Shears, Pruning. With wheel spring. Unpolished.............. .... 7-in. $1.15, 8-in. $1.25, 8½-in. $1.50, 9-in. 1 75
Shears, Tree-Pruning. Pole .... 4-ft. 75c., 6-ft. 85c., 8-ft. $1, 10-ft. $1.15 and 12-ft. 1 25
Silkaline. For stringing smilax.......... Spool, 25c.; lb. $1.50..

RUBBER SPRINKLER.

Sprinkler, Lawn. The Comet........ 5 00
Sprinkler, Lawn. The Cleveland. Cheap and effective 50
Sprinkler, Rubber. By mail, $1.10 .. 1 00
Sprayer, Vaporizing. The best....... 1 25
Stakes, Cane. 8 to 10 feet long; can be cut in lengths to suit. 100 $1, bundle of 250 $2, 1,000 $7.50..

Stakes, Cane. Extra heavy; 10 to 12 ft. long..100 $1.50, 1,000 $12.

Stakes, Wooden, Round Tapering. Painted green—

	Doz.	100		Doz.	100
1½ feet	$0 17	$1 00	3½ feet	$0 65	$4 20
2 feet	30	1 75	4 feet	80	5 45
2½ feet	40	2 50	5 feet	90	6 10
3 feet	52	3 35			

Stakes, Heavy Dahlia. Painted green—

	Doz.	100		Doz.	100
3 feet	$0 80	$5 00	4 feet	1 15	7 00
3½ feet	90	5 95	5 feet	1 30	8 65
			6 feet	1 60	10 60

Stakes, Galvanized. No. 9 wire—

2 feet	per 100, $0 70	3½ feet	1 25
2½ feet	" 85	4 feet	1 40
3 feet	" 1 05	5 feet	1 75

Syringes, Brass. Best American— Each

No. 1. 18 in. long; 1½ in. diameter; cone valves, two-spray roses; one jet $5 75

No. 2. 18 in. long; 1½ in. diameter; cone valves; one-spray rose; one jet 5 25

No. 3. 18 in. long; 1½ in. diameter; one-spray rose; one jet. 4 00

No. 4. 12 in. long; 1 in. diameter; one-spray rose; one jet. 2 00

Trowels, Cleve's Angle ....5-in. blade 15c., 8-in. 25

Trowels, Forged Steel. Blade and shank made of one piece........6-in. blade 40

Trowels, Heavy Sheet Steel. Blade and shank made of one piece. ....6-in. blade 25

Thermometers, Self-Registering. Register heat and cold 2 50

Thermometers, Hotbed or **Mushroom** 1 50

Thermometers, Tinned Japanned Tested 65

Tin Foil. For wrapping ....Lb. 15c...

Transplanter and **Automatic Fertilizer** 35

Watering Cans. Heavy galvanized iron, with 2 copper roses........ 6-qt. $1.75, 8-qt. $2.10, 10-qt. $2.30, 12-qt. 2 75

Weeders, The Cleveland 75

Weeders, The Hazeltine. Best steel 25

Weeders, Excelsior 15

Weeders, Eureka 25

Weeders, The Reddick 10

Wire, Annealed. Florists' stemming, cut in lengths........12-in., No. 21, box of 12 lbs. $1.25, No. 23 $1.35..

PUMPS AND SPRAYERS

Perfect Barrel Spray. Has brass upper and brass-lined lower cylinder, all-brass plunger, brass check valve, brass valve seat, and fitted with agitator. The best spray barrel pump ever offered, it being single-acting in the suction and double-acting in discharge. It discharges half the water on the up stroke and half on the down stroke of the handle. All parts can be removed by disconnecting the handles and removing the cylinder cap.

No. 311, with 1-inch suction pipe, strainer, 5 feet of ½-inch discharge hose, graduated Vermorel nozzle, and either jet or dasher agitator (state which). Each, $9.50.

No. 312, with 1-inch suction pipe, strainer, two leads of ½-inch discharge hose, two graduated Vermorel nozzles, and either jet or dasher agitator (state which). Each, $10.50.

AUTO SPRAY.

Little Giant Spray. Constructed entirely of brass. So arranged that the labor of pumping is all done on the down stroke of the piston and nothing on the up stroke. The effect of this is to hold the pump down while using it. The foot-rest steadies the pump, holding it in position. Each, $3.50.

Daisy Force. Cheap and effective. Will throw a steady stream 40 to 50 feet. Each, $1.

The Auto Sprayer. Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter acre of potatoes. The sprayer is light and, being carried by a shoulder strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old style sprayers, which require the operator to be constantly pumping in order to do the spraying.

Price of Auto Sprayers— Each

Made of brass $6 25

Made of galvanized steel 4 75

Extension pipes, 2-foot lengths, brass 35

Extension pipes, 2-foot lengths, galvanized steel 30

Auto Torch Attachment. Effective for burning worms and nests on trees 1 00

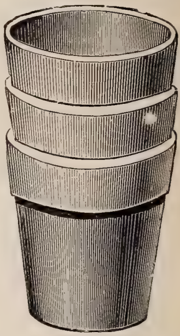
Complete descriptive circular on application.

Sprayer, Knapsack Spray Pump. For vineyards and orchards. Holds 5 gallons, is fitted with agitator and strainer, stop and all complete 10 00

Sprayer, Fountain Knapsack. For potatoes, vines, etc. Holds 5 gallons. All working parts brass 5 00

Standard Flower Pots. Where shipped direct to the purchaser from the factory, in quantities of 100 to 1,000 of a size, we allow 10 per cent discount from these prices.

Size	Each	Doz.	100	1,000
1½ in.		$0 07	$0 55	$4 50
2 in.		08	60	5 05
2¼ in.		09	70	5 85
2½ in.		10	80	6 80
3 in.		13	1 00	8 80
3½ in.		17	1 25	11 00
4 in.		20	1 40	12 40
4½ in.		25	1 80	16 15
5 in.	$0 04	35	2 35	
6 in.	06	50	3 70	
7 in.	09	85	5 90	
8 in.	14	1 25	8 85	
9 in.	22	1 85		
10 in.	29	2 50		
11 in.	40	3 15		
12 in.	55			
13½ in.	75			
15 in.	1 10			
16 in.	2 00			
18 in.	3 00			
20 in.	3 95			



FLOWER POTS.

Fern and Seed Pots—

Width—Depth	Each	Doz.	Width—Depth	Each	Doz.
5x3¼ in.	$0 04	$0 35	9x6 in.	$0 25	$2 05
6x3¼ in.	06	55	10x3½ in.	27	2 25
6x4½ in.	07	70	10x6½ in.	31	2 45
7x3¼ in.	10	85	11x3¾ in.	35	2 65
7x5 in.	11	92	12x4 in.	40	3 15
8x3½ in.	12	1 00	12x8 in.	45	3 70
8x5½ in.	17	1 45	13½x8 in.	65	5 40
9x3½ in.	22	1 95	15x8½ in.	95	

Round Seed Pots—

Size	Each	Doz.
9-inch	$0 20	$1 95
12-inch	35	3 25
15-inch	60	5 85

Pot Saucers—

Size	Each	Doz.	Size	Each	Doz.
4-inch		$0 24	9-inch	$0 10	$0 85
5-inch	$0 03	30	10-inch	11	1 05
6-inch	04	36	12-inch	17	1 60
7-inch	05	50	14-inch	20	
8-inch	07	65	15-inch	35	

Wood Fiber Pot Saucers—

Size	Each	Doz.	Size	Each	Doz.
4-inch	$0 07	$0 80	8-inch	11	1 05
5-inch	08	87	9-inch	12	1 15
6-inch	09	90	10-inch	13	1 25
7-inch	10	1 00	12-inch	14	1 50
			14-inch	17	1 90

Wood Fiber Roller Stands. Hardwood rollers and ball-bearing casters. Save carpets and floors. Will not soak or rust.

	Each		Each
12 in. diam. for 10-in. pot	$0 55	18 in. diam. for 16-in. pot	$0 90
14 in. diam. for 12-in. pot	65	20 in. diam. for 18-in. pot	1 10
16 in. diam. for 14-in. pot	80	22 in. diam. for 20-in. pot	1 30

Wood Fiber Vases for cut-flowers. Neat and durable.

		Each
No. 0.	8 in. inside diameter; 13 in. inside depth	$0 50
No. 1.	5½ in. inside diameter; 10 in. inside depth	40
No. 2.	4½ in. inside diameter; 9 in. inside depth	35
No. 3.	4 in. inside diameter; 6 in. inside depth	30
No. 4.	3 in. inside diameter; 4½ in. inside depth	25
No. 00.	9 in. inside diameter; 22 in. inside depth	90
No. 11.	5½ in. inside diameter; 18 in. inside depth	50
No. 22.	4½ in. inside diameter; 15 in. inside depth	40
No. 33.	4 in. inside diameter; 12 in. inside depth	35
No. 44.	3 in. inside diameter; 9 in. inside depth	30
No. 000.	9 in. inside diameter; 29 in. inside depth	1 75

COLDWELL'S HORSE LAWN MOWER.

Coldwell's Horse Lawn Mower

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. These Mowers are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each Mower warranted to give complete satisfaction. 30-inch cut $65, 35-inch cut $78, 40-inch cut $95.

COLDWELL'S PARK LAWN MOWER

Invaluable when the grass is unusually heavy or tough; sizes 14-, 16-, 18- and 20-inch. Price same as corresponding sizes of the Imperial.

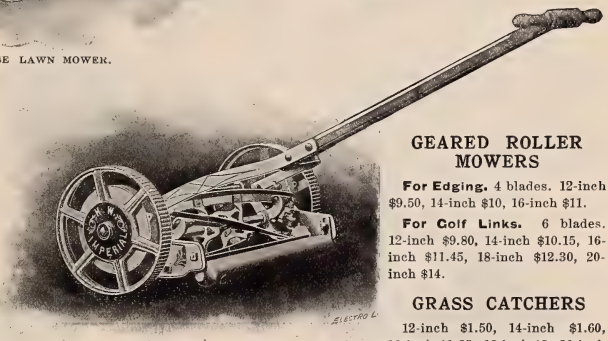
IMPERIAL LAWN MOWERS

After careful consideration, we have decided upon offering the "Imperial" as our best Mower. These Mowers are used by the Government, and on the lawns of the leading public grounds throughout the country. Descriptive illustrated catalogue of these Mowers, including **Special Mowers for golf and large park lawns**, sent on application. **Prices,** 12-inch, low wheel, $7; 14-inch, high wheel, $8; 16-inch, high wheel, $9; 18-inch, high wheel, $10; 20-inch, high wheel, $11.

LAWN VASES

Terra-Cotta Painted White

In various sizes and beautiful designs from $5 to $40. Prices and styles submitted on application.



IMPERIAL LAWN MOWER.

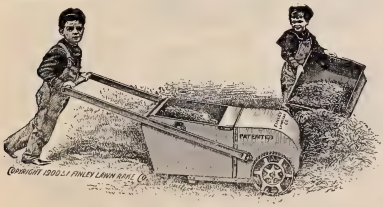
GEARED ROLLER MOWERS

For Edging. 4 blades. 12-inch $9.50, 14-inch $10, 16-inch $11.

For Golf Links. 6 blades. 12-inch $9.80, 14-inch $10.15, 16-inch $11.45, 18-inch $12.30, 20-inch $14.

GRASS CATCHERS

12-inch $1.50, 14-inch $1.60, 16-inch $1.85, 18-inch $2, 20-inch $2.15.



FINLEY LAWN RAKE.

THE FINLEY LAWN RAKE

Will gather all the leaves, twigs and other litter, and will do it far quicker and better than can be done by hand. **Price,** $12.

HORSE BOOTS. For use in Mowing Lawns

Extra well made. Will outwear two sets of cheap boots. Per set of four, $8.50.

LAWN ROLLERS

Cast-Iron Hand Power. From 150 to 700 pounds in weight, costing from $8 upward.

One-Horse Steel. From 500 pounds upward. Prices and sizes of Lawn Rollers on application.

APEX ROLLER.

APEX LAWN ROLLER

No.	No. of sections	Width of section, inches	Diameter of section, inches	Total width of roller, inches	Actual weight, pounds	Low list Price	No.	No. of sections	Width of section, inches	Diameter of section, inches	Total width of roller, inches	Actual weight, pounds	Low list Price
1	2	7½	15	15	150	$9 50	9	2	10	24	20	400	$24 50
2	3	7½	15	22	200	12 50	10	2	12	24	24	450	27 50
3	2	8	20	16	225	14 00	11	3	8	24	24	450	27 50
4	2	10	20	20	250	15 50	12	3	10	24	30	500	30 50
5	1	20	20	20	250	15 50	13	2	12	28	24	500	30 50
6	3	8	20	24	300	18 50	14	3	8	28	24	500	30 50
7	2	12	20	24	300	18 50	15	3	10	28	30	600	36 50
8	3	10	20	30	350	21 50	16	4	8	28	32	650	39 50

IRON AGE FARM and GARDEN IMPLEMENTS

These tools are most satisfactory and are well known to be the BEST. A complete descriptive Iron Age Catalogue sent free on application

No. 6 Iron Age Combined Double or Single Wheel-Hoe, Hill and Drill Seeder

Ease of adjustment and operation, lightness with strength and accuracy in hilling or drilling the seed are valuable features of this combination tool. Ten tools in one, and each one as satisfactory as a tool made for the special purpose. Places the seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. **Price, complete, as in cut, $11.** The double wheel-hoe form of this tool is shown in our No. 1.

No. 6.

No. 20.

No. 20 Iron Age Single Wheel-Hoe

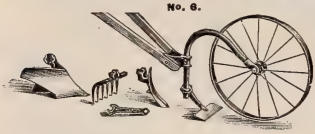
A most complete single wheel tool. One pair side hoes, three cultivator teeth, one pair of rakes and a plow are furnished. **Price, complete, $5 50.** With plain hoes only (as No. 21). **$3.50.** Can be used as a seed drill at any time by adding the seeder attachment.

No. 18 Iron Age Drill Seeder

This tool possesses all the qualities of a plain, continuous row seeder, and is the lowest-priced Iron Age Drill made. **Price, $6.50.**

No. 12 Iron Age Wheel Plow and Cultivator

Remarkable for its exceeding lightness, great strength and variety of work it will accomplish. **Price, complete, $3.25.** With landside plow only (as No. 11), **$2.25.**



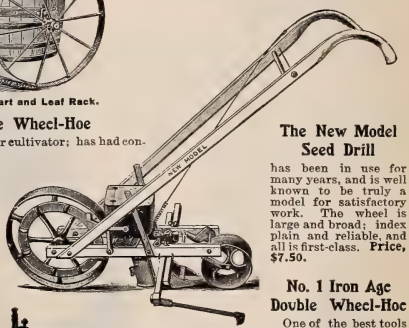
No. 12.

No. 18.

The Iron Age Combined Barrel Truck, Hand Cart and Leaf Rack

Barrel can easily be detached from truck. Truck and trunnions, with 1½-inch wheel, **$7;** 2½-inch wheel, **$7.75;** 3½-inch wheel, **$8.50.** Extra for barrel, **$2.25;** box to fit on truck, **$3;** leaf rack to fit on truck, **$5;** sprinkler attachment, **$3.25.**

Iron Age Barrel Truck, Hand Cart and Leaf Rack.



The New Model Seed Drill.

The Gem Single Wheel-Hoe

Can be used also as plow or cultivator; has had continued demand for years. **Price, complete, $4.50; with 5 teeth only, $3.25. Gem Double Wheel-Hoe, complete, $5.50.**

No. 4 Iron Age Combined Double Wheel-Hoe and Drill Seeder.

The New Model Seed Drill

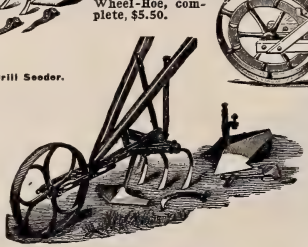
has been in use for many years, and is well known to be truly a model for satisfactory work. The wheel is large and broad; index plain and reliable, and all is first-class. **Price, $7.50.**

No. 1 Iron Age Double Wheel-Hoe

One of the best tools made. Can be used as single wheel, cultivator, plow or rake. **Price, complete, $6.50.** With side hoes only (as No. 3), **$3 75.** A seeder attachment, or a hill and drill seeder attachment, can be added at any time, and the tool converted into a No. 4 or No. 6 combined seeder.

No. 4 Iron Age Combined Double Wheel-Hoe and Drill Seeder

What is said of No. 6 is largely applicable to this tool, except that it does not sow in hills. As a double or single wheel-hoe, plow, cultivator or rake, it is identical. **Price, complete, $10.** As a drill seeder only (No. 5), **$7.**



The Gem Single Wheel-Hoe.

No. 15 Iron Age Combined Single Wheel-Hoe, Hill and Drill Seeder

Very similar to our No. 6 as above, excepting it is used only as a single wheel. **Price, complete, $10.** The No. 17 Iron Age (similar to this, but sows only in continuous rows), **$9.** No. 16 Iron Age Hill and Drill Seeder (as a seeder only), **$7.50.**

No. 15 Iron Age Combined Single Wheel-Hoe, Hill and Drill Seeder.

No. 1 Double and Single Wheel-Hoe.

SELECT FLOWER SEEDS

A Revised List of the Best and most Popular Sorts, including Seeds of Annuals, Biennials, Perennials, and Stove and Greenhouse Plants

ABRONIA.

IN THE following pages we offer a careful and choice selection of fresh and pure Flower Seeds, including the best old and new varieties. No need of the flower garden has been neglected, for seeds of plants adaptable for every ornamental purpose, covering a wide range of form and color, height and habit, and the whole season with their bloom, may be found here.

OUR FLOWER-SEED PACKETS are large and beautifully lithographed in colors, with directions for culture printed on one side; they are well filled with tested seeds of strong germinating power.

THE HEADINGS OF THE VARIOUS DIVISIONS which follow—**Choice Annuals for Bloom the First Season, Perennials for Permanent Planting, Ornamental Climbers, Seeds of Greenhouse Plants**—make so clear the nature of each class of seeds offered that the usual puzzling and arbitary signs and abbreviations are unnecessary. The copious index on the last page of the Catalogue will be found helpful to all who, without understanding plant habits and classifications, wish to turn quickly to any species.

Annuals, Blooming First Season

ABRONIA

Pretty trailers, producing profusely clusters of sweet-scented flowers in verbena-like clusters all season.

Arenaria. Fine yellow. Pkt. 5 cts.

Umbellata grandiflora. Pure rose. Pkt. 5 cts.

ADONIS. Blossoms large and brilliant scarlet, lasting a long while; foliage beautifully feathered. 1 foot. Pkt. 5 cts.

AGROSTEMMA (Rose of Heaven), **Dwarf Fringed.** Charming free-flowering plant, finely fringed bright rose flowers. Pkt. 5 cts.

AGERATUM

Of neat, vigorous growth and free-blooming habit. They bloom the whole summer if sown early, and are easily grown.

Lasseauxi. Fine clusters of bright rose, borne long and abundantly. Pkt. 5 cts.

Imperial Dwarf Blue. Flowers bright blue; plant dwarf, free-blooming and handsome. Pkt. 5 cts.

Imperial Dwarf White. Large clusters of flowers; habit like above. Pkt. 5 cts.

Blue Perfection. Flowers very large and deep amethyst-blue; one of the best. Pkt. 10 cts.

Princess Victoria Louisa. Dwarf and compact; flowers light blue with white center; very floriferous. Pkt. 10 cts.

ANAGALLIS, Large-flowering (Pimpernel). Low-growing; forms a mat of bright red, white, pink and purple flowers. Pkt. 5 cts.

ARCTOTIS grandis. A very bushy, free-flowering plant, with whitish foliage and ray-formed, pure white flowers tinged with a yellow zone at the base; blooms all summer. Pkt. 10 cts.

ARNEBIA cornuta (Arabian Primrose). Produces innumerable golden yellow flowers with dark brown spots; plant 2 feet high and bushy. Pkt. 10 cts.

ALYSSUM

A great favorite for bouquets and house culture, as well as for outdoor baskets and border edging.

Benthami (Sweet Alyssum). Trailing; flowers white, very sweet. Pkt. 5 cts., oz. 25 cts.

Little Gem. Dwarf, spreading, covered thickly with very fragrant white flowers that appear when the plants are quite small. Pkt. 5 cts., oz. 35 cts.

White Carpet. Blooms profusely the whole season; plants only 2 to 3 inches high; flowers snow-white. Pkt. 5 cts., oz. 40 cts

AMARANTUS

Tall, with showy, variegated leaves and long racemes of flowers.

Caudatus (Love-lies-bleeding). Blood-red. 3 feet tall. Pkt. 5 cts.

Cruentus. The well-known Prince's Feather. 3 feet. Pkt. 5 cts.

Henderi. Of beautiful habit; brown, dark red and bronze. Pkt. 5 cts.

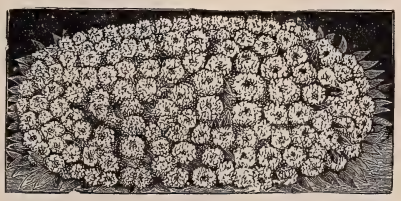
Nobilis pyramidalis. Very ornamental. 3 feet. Pkt. 5 cts.

Tricolor giganteum (Joseph's Coat). Foliage scarlet, yellow and green. 4 feet. Pkt. 5 cts.

Brilliant. Foliage bright red at the ends, carmine, rose, red and yellow, producing a fine effect. Pkt. 10 cts.

Sulpherine. Lower leaves dark green; toward the middle they are sulphur-yellow with green points, heads and side shoots pure yellow. Pkt. 10 cts.

ARCTOTIS GRANDIS.



ALYSSUM.

AGERATUM, PRINCESS VICTORIA LOUISA.

ASTERS

Choicest New and Old Varieties

The Aster is a royal annual, glorifying the garden with a rich display of bloom until the chrysanthemum, for which it is a fitting forerunner, begins to open its buds. The different sorts are grown in gardens everywhere. Our collection includes distinct and beautiful forms and varieties of rich color. A good selection will give elegant flowers for cutting from July until the late varieties are cut down by frost.

Victoria. Immense showy flowers, perfectly double to the center, with regularly overlapping petals; distinguished in appearance, and excellent for cutting. The plants form pyramids 18 inches high and carry 15 to 20 flowers.

White, Azure-Blue, Rose, Peach Blossom, Scarlet, Crimson, Dark Blue and **Mixed.** Each, pkt. 10 cts.

Giant Victoria, or **Washington.** A very large-flowering form of the Victoria Aster; flowers very double and 5 to 6 inches in diameter.

Pure White, Peach Blossom, Crimson, Light Blue, Dark Blue and **Mixed.** Each, pkt. 10 cts.

Daybreak. When in perfect bloom, the delicate sea-shell-pink color of the flowers, erect and graceful habit, and immense display of flowers when seen in a mass, are simply charming beyond description. Pkt. 10 cts.

Peony-flowered Perfection. Peerless in form, size and the rich and delicate colors of its flowers.

White, Rose, Crimson, Scarlet, Dark Blue, Light Blue and **Mixed.** Each, pkt. 10 cts.

Queen of the Market. This variety is three weeks earlier than others and of dwarf, branching habit. Excellent for growing under glass.

Rose, Pure White, Crimson, Dark Blue, Light Blue and **Mixed.** Each, pkt. 10 cts.

Comet. Flowers large; petals long, wavy and twisted.

Rose and White, White, Carmine, Rose, Crimson, Fiery Scarlet, Dark Blue, Light Blue and **Mixed.** Each, pkt. 10 cts.

Giant White Comet. Pure white. Immense pure white flowers. Pkt. 10 cts.

Empress Frederick Comet. Plant dwarf and compact; flowers of the purest white and 4 to 5 inches in diameter; fine for cutting and as a pot-plant. Pkt. 15 cts.

Vick's Pure White Branching. Fine for cutting. Flowers very large, graceful, borne on long stems. Pkt. 10 cts.

Giant Branching Comet. A splendid new Aster of branching habit and very vigorous growth; flowers loose and graceful, produced on long stems. Fine for cutting.

Carmine, Carmine Striped White, Rosy Pink, Pure White, White Striped Pink and **Mixed.** Each, pkt. 10 cts.

Semple's Branching. A choice late-flowering strain, which, by careful selection, has been brought to high perfection.

Rose, Carmine, Crimson, Purple, White, Pink, Lavender and **Mixed.** Each, pkt. 10 cts.

Sunlight. Flowers sulphur-yellow in color, 3 to 4 inches in diameter and of fine form, borne on long, stiff stems. Blooms very profusely and of lasting quality. Pkt. 15 cts.

COMET ASTER.

Ostrich Plume Terra Cotta. A very distinct new color; flowers over 5 inches across and of a terra cotta shade. Pkt. 15c.

Waldersee. Forms small, compact bushes 8 to 10 inches in height; presents a splendid appearance in its early-flowering stage on account of its regular globular shape and wealth of bloom; flowers delicate rose, edged white, small and double. Pkt. 15 cts.

SUPERB BALSAMS (Lady's-Slippers)

Popular and easy to grow; give brilliant masses of beautiful flowers for little care. Plants about 2 feet in height; transplanting dwarfs them and makes the flowers more double. Some are as double and perfect as camellias; they range through all dark, rich, brilliant and delicate colors.

Improved Camellia-flowered. Regular and perfect; large and full to center. Choice mixed. Pkt. 10c.

Florists' Best Double White. Pkt. 10 cts.

Double Miniature. Small, dainty, double flowers. Choice mixed. Pkt. 10 cts.

Double Mixed. All kinds and colors. Pkt. 5 cts., oz. 50 cts.

CANDYTUFT, EMPRESS.

BARTONIA aurea. Handsome downy foliage; fragrant, large, golden yellow flowers, which open in the evening. 3 feet. Pkt. 5 cts.

BEET. Ornamental-foliaged Beets. In various colors. Pkt. 5 cts.

BRACHYCOME (Swan River Daisy). Flowers light and graceful, and borne profusely; colors blue or white, with dark center. 1 foot. Pkt. 5 cts.

BROWALLIA grandiflora (Blue Amethyst). A neat, compact little plant, blooming freely from June until frost; also fine for winter blooming. Flowers deep ultramarine blue and far larger than those of the ordinary variety. Pkt. 10 cts.

CAMELLIA-FLOWERED BALSAMS.

CACALIA coccinea (Tassel Flower). The tassel-shaped flowers are bright scarlet, and borne in graceful clusters. Pkt. 5 cts.

CALENDULAS, or POT MARIGOLDS

Produce a bright and constant mass of color; grow anywhere; flower until frost.

Pure Gold. Semi-dwarf plant; handsome, double, pure golden yellow flowers. The best Marigold in cultivation; flowers large and brilliant. Pkt. 5 cts., oz. 25 cts.

Sulphurea. Flowers sulphur-yellow in color, of large size and very double. Pkt. 5 cts., oz. 25 cts.

Meteor. Large double flowers of yellow, striped with orange. Pkt. 5c., oz. 25c.

Fine Mixed. The best colors in variety. Pkt. 5 cts., oz. 20 cts.

CALLIOPSIS (Bright Eyes)

Gay and beautiful; graceful habit, easy culture, and flower profusely.

Tinctoria. Flowers double, of a rich, golden yellow color, with wine-maroon spots. Pkt. 5 cts.

Drummondii (Golden Wave). Pure, bright yellow flowers, with eye of brown. Pkt. 5c.

CALANDRINIA, Large-flowering. A creeping plant, with large, rose-colored flowers, which make it one blaze of color whenever the sun shines. Pkt. 5 cts.

CANNAS, Dwarf French. For rich effects in bedding, the Dwarf French Cannas have now few rivals in popular estimation. As pot-plants for winter-flowering they are also favorites. Finest mixed. Pkt. 10 cts., oz. 25 cts.

CANDYTUFT (Iberis)

An old and universal favorite, largely cultivated and continually in bloom; as valuable for cut-flowers as for edging and masses and always desirable.

Giant Hyacinth-flowered, or Empress. Very large spikes of pure white. The plant sends out from 4 to 9 branches, each terminating in a large spike of flowers; these flowers are beautifully formed, and of unusual size. Pkt. 5 cts., oz. 30 cts.

Dwarf Hybrids. Plants only about 6 inches high. They form massive candelabra-shaped spikes of various-colored flowers. Pkt. 5 cts., oz. 30 cts.

Rose Cardinal, Light Purple, Dark Purple and **Carmine.** Each, pkt. 5 cts.

Finest Mixed. Pkt. 5 cts., oz. 25 cts.

CARNATIONS

Marguerite. Blooms in four months from seed. Plant vigorous, semi-dwarf, neat. If sown under glass in March or April, begin blooming in early summer and yield a brilliant display of flowers until frost. Flowers large, quite double and perfectly formed, never bursting the calyx. They show all colors and variegations through beautiful shades of red, pink and white. Mixed, pkt. 5 cts.; separate colors: White, Pink, Scarlet, Dark Red, Yellow and Striped, each, pkt. 10 cts.

Giant Marguerite. An improved and larger-flowering form of the above. Pkt. 10 cts.

MARGUERITE CARNATION.

CHRYSANTHEMUM, CARINATUM.

CENTAUREA

Favorite old-fashioned flowers. The quaintly pretty flowers have good stems and are brightly colored. For other varieties, see Foliage Plants.

Imperialis (Giant Sweet Sultan). Fine for cutting. Flowers large, sweet-scented and in bloom until frost. Mixed. Pkt. 10c.

Marguerite. Very large, pure white and sweet-scented flowers. Profuse bloomer. 1½ feet. Pkt. 10 cts.

Chameleon. A companion to the preceding, producing large, pale sulphur-yellow flowers; attractive. Pkt. 10 cts.

Suaveolens (Yellow Sweet Sultan). Bright yellow; flowers large and sweet-scented. Pkt. 5 cts.

Cyanus (Cornflower). White or blue; plants tall, free-blooming. Pkt. 5 cts., oz. 25 cts.

Emperor William. Dark blue. Pkt. 5 cts., oz. 30 cts.

CHRYSANTHEMUMS (Summer-blooming Painted Daisies)

Distinct from the autumn-flowering varieties, and grown in beds, where their bright colors show to advantage.

Chameleon. Large single flowers of crimson, yellow and bronze, changing after a few days to yellow. Pkt. 10 cts.

Carinatum fl. pl. One of the handsomest of the family. Flowers very double and bronzy yellow or rose, but some will be pure white or crimson, and of graceful, semi-double form. Pkt. 5 cts.

Double White. Double flowers of white. Pkt. 5 cts.

Double Yellow. Flowers large, pure yellow, very double. Pkt. 5 cts.

CATCHFLY (Silene). Free-blooming; appears in early summer and lasts continuously until fall. **Mixed,** pkt. 5 cts.

CENTRANTHUS. Pretty, compact plants, about a foot high, with corymbs of red or white flowers, produced freely. **Mixed,** pkt. 5 cts.

CENTAUREA SUAVEOLENS.

CELOSIA (Cockscomb)

Odd and handsome. The comb-shaped heads often attain large size and are always gay colored. The dwarf varieties are much used for pot culture and in beds, presenting a striking appearance.

Spicata. Quite unique in its beauty; pyramidal in form, attaining a height of 2½ feet, bearing 20 to 30 side shoots crowned by a cylindrical flower-spike 2½ to 4 inches long. Flowers open a bright rose tint, lower part changing to silvery white; a charming combination of colors. Pkt. 15 cts.

Empress. One of the handsomest; the rich crimson heads are enormous, yet quite shapely; dwarf. Pkt. 10 cts.

Vesuvius. Flame-colored and crimson; very showy. Pkt. 10 cts.

Glasgow Prize. Very large and showy dark crimson combs. Pkt 10 cts.

Rosea. Bright rose, marked with a central stripe of golden yellow; very dwarf. Pkt. 10 cts.

Dwarf Yellow. Splendid, brightly colored heads of large size and fine form; plants strong; 9 inches. Pkt. 10 cts.

Dwarf Mixed. Pkt. 5 cts.

Ostrich Feather. Produces large, exquisitely curved and curled plumes resembling ostrich feathers. 3 feet. **Crimson** and **Orange.** Each, pkt. 10 cts.

CLARKIA. Blooms profusely all summer. Flowers double. Mixture of **White, Red, Rose, Purple, etc.** Pkt 5 cts.

COLLINSIA. Brightly colored flowers, blooming in whorls, several of which cluster about each stem. Plants continually in bloom; 1½ feet. **Mixed,** pkt. 5 cts.

COCKSCOMB, EMPRESS

COSMIDIUM. A showy summer-flowering plant, about 2 feet in height; useful for both beds and borders. Flowers large, velvety brown or orange. Pkt. 5 cts.

CROTALARIA retusa (Golden Bush Pea). Produces rich golden yellow, sweet-pea-like flowers. Blooms continually until frost. Pkt. 10c.

CONVOLVULUS MINOR (Dwarf Morning-Glory)

Handsome trailing plants of luxuriant growth. Very well adapted for beds, borders, vases or baskets.

Tricolor. Very pretty flowers. Mixed colors. Pkt. 5 cts., oz. 15 cts.

Mauritanicus. Fine bright blue flowers, with yellow throat. Pkt. 10 cts.

Bush Morning-Glory (Compactus). Bushy little plants about 8 inches high, blooming continuously the entire summer. All colors mixed. Pkt 10 cts.

Send us your order as early as possible. It will facilitate the prompt execution of same, and you will have your seed when you are ready to plant

COSMOS

Fine for cutting; long, slender stems, airy, graceful flowers and feathery foliage. Plants tall and strong-growing, from 4 to 6 feet high, and a perfect fountain of bloom from September until frost. Should be started early.

Mammoth Perfection. A grand strain, some of the flowers attaining 4 inches in diameter. **White, Pink, Scarlet.** Each, pkt. 10 cts. **Mixed,** pkt. 5 cts., oz. 60 cts.

Klondike. Blooms early and until frost. Flowers 2½ to 3 inches across, orange-yellow. Pkt. 10c.

Dawn. Semi-dwarf. Flowers large, pure white tinged with rose; early and free-blooming. Pkt. 10 cts., oz. 60 cts.

New Early Blooming. Identical in growth, etc., with Dawn, but contains all colors of the ordinary Cosmos. **Mixed,** pkt. 10 cts.

DATURA Cornucopia. Large and trumpet-shaped, formed of two or three flowers growing one within the other. Interior white, exterior purple, and of exquisite perfume. Pkt. 10 cts.

MAMMOTH PERFECTION COSMOS.

SEEDLING DAHLIAS

Dahlias grown from seed bloom the first year. A large percentage of the double varieties come true, while the single ones are superb.

DOUBLE SEEDLING DAHLIA.

Gloriosa. Possesses all the colors found in other Dahlias, but its thoroughly double flowers are produced in numerous distinct forms; even the individual plants produce their flowers of various shapes, sizes and colors. The flowers are from 1½ to 3 inches in diameter. If sown in March and April they will flower in Aug. and Sept. Pkt. 10c.

Twentieth Century. Fine fern-like foliage, upright branching habit, and an early and profuse bloomer. Pkt. 10c.

Dwarf Tom Thumb. Dwarf plants, useful for bordering and pot culture; floriferous, bearing handsome flowers. Pkt. 10 cts.

Mixed Double. Extra fine mixed; will produce a very large proportion of double flowers. Pkt. 10 cts.

Mixed Single. Large single flowers. Pkt. 5 cts.

SUMMER-BLOOMING DIANTHUS (Garden Pinks)

Gay and spicily fragrant flowers, well loved and grown everywhere, in almost any soil. They cover their dense thicket of leaves and stems with brilliant masses of flowers. All varieties named below bloom first year from seed.

Salmon Queen. Bright salmon, changing to salmon-rose; flowers fringed. Pkt. 10 cts.

Oriental Beauty. Flowers 3 to 4 inches across; exquisitely formed, the petals being full, overlapping, crinkled and laciniated. Colors range from pure white through shades of pink and crimson; colorings and markings are rich beyond description. Pkt. 10c.

Laciniatus (Double Fringed Pink). Large, showy flowers with fringed edges; beautifully striped. Pkt. 5 cts.

Double Chinese, or Indian. Flowers large, double, in all rich colors. Fine mixed. Pkt. 5 cts., oz. 30 cts.

Double White Chinese. Flowers large and showy. Pkt. 5 cts., oz. 35 cts.

Heddewigii grandiflora fl. pl. (Double Japanese Pink). Flowers of immense size and very double, produced in greatest profusion. Mixed. Pkt. 10c.

Eastern Queen. Beautiful rose variety. The flowers are 2 to 6 inches across, splendidly striped and stained. Pkt. 10 cts.

Crimson Belle. Splendid brilliant dark red. Pkt. 10 cts.

Double Diadem Pink. Flowers large and fine in form, and very double, ranging through all colors. Finest mixed. Pkt. 10 cts.

Double Imperial. An extra fine mixture, producing all colors of these handsome flowers. Pkt. 5 cts.

DIANTHUS, DOUBLE CHINESE PINK.

DIDISCUS cœruleus. This pretty plant produces its beautiful lavender-blue flowers all summer. Pkt. 10 cts.

ESCHSCHOLTZIA.

ESCHSCHOLTZIA (California Poppy)

Flowers in rich hues of orange, yellow, scarlet, creamy white, crimson and carmine.

Finest Mixed. Pkt. 5 cts., oz. 25 cts.

Golden West. Flowers 3½ to 6 inches in diameter. The large, overlapping petals are waved at the edges. Light canary, with orange blotches at the base of petals, forming a Maltese cross in the center. Pkt. 10 cts.

EUPHORBIA

Heterophylla (Painted Leaf). Glossy leaves, changing to scarlet. Pkt. 5 cts.
Variegata (Snow-on-the-Mountain). Of robust growth, with fine green leaves, striped with white. Pkt. 5 cts.

EVERLASTINGS

The strawy texture of the flowers retains their shape and brilliant color indefinitely. Cut them before they have opened fully, and dry slowly in the shade.

ACROCLINIUM roseum. Graceful, double rose-colored flowers. 1 foot. Pkt. 5c.
Album. Double flowers, white. Pkt. 5 cts.

AMMOBIUM grandiflorum. Clusters of pure white flowers. 2 feet. Pkt. 5 cts.

HELICHRYSUM nanum (Eternal Flower). Beautifully formed double flowers; plants dwarf and branching. Fine mixed. Pkt. 5 cts.
Monstrosum. Large and very double flowers. Pkt. 5 cts.

COMPHRENA globosa (Bachelor's Button). Round flower heads of red or white. Mixed. Pkt. 5 cts.

RHODANTHE, Fine Mixed. The most delicately beautiful of all Everlastings. 1 foot. Pkt. 5 cts.

XERANTHEMUM. Bright, double, globe-shaped flowers. Mixed. Pkt. 5 cts.

Special offer of Everlastings—1 packet each, of 8 varieties, 30 cents.

FEVERFEW, Double White (Matricaria). For cutting and pot culture as well as for beds and borders. Thrives in all soils; blooms until frost. Flowers white, double. 18 inches. Pkt. 5 cts.

FOUR O'CLOCK. Old favorites, with sweet-scented flowers of many different colors. They open in the afternoon, and wither in the morning. Mixed. Pkt. 5 cts., oz. 15 cts.

HELICHRYSUM.

LOBELIA COMPACTA. (See page 35.)

GAILLARDIA

Lorenziana (Blanket Flower). Showy bedding plants, covered with double flowers from midsummer until frost; many bright colors. Pkt. 5 cts.
Amblyodon. Large single salmon-red flowers, deep crimson in center. Pkt. 5c.

GRASSES, ORNAMENTAL

Beds composed entirely of Grasses, with tall varieties planted in the center and the shorter ones used for edging, are especially beautiful.

ACROSTIS nebulosa. Feathery and elegant. 1½ feet. Pkt. 5 cts.

AVENA sterilis (Animated Oats). Drooping heads 4½ feet. Pkt. 5 cts.

BRIZA maxima. The large form of Quaking Grass. 1½ feet. Pkt. 5 cts.
Minima gracilis. Small Quaking Grass. Fine for bouquets. 1 foot. Pkt. 5 cts.

BROMUS brizæformis. Useful in many decorative ways when dried. 2 feet. Pkt. 5c.

COIX lachryma (Job's Tears). Broad blades, drooping seeds. Pkt. 5 cts., oz. 15 cts.

ERAGROSTIS elegans. "Love Grass." Pkt. 5 cts.

CYNERIUM argenteum (Pampas Grass). See Perennials.

LAGURUS ovatus (Hare's Tall Grass). Small white spikes. 2 feet. Pkt. 5 cts.

PENNISETUM Ruppelianum. Handsome purple spikes. 2½ feet. Pkt. 5 cts.

STIPA pennata (Feather Grass). Pkt. 5 cts.

TRICHOLÆANA atropurpurea. Purple spikes; fine. Pkt. 5 cts.

One packet each of above 12 varieties for 45 cents.

GODETIA.

GODETIA

Bright and attractive compact-growing plants, always gay with a crop of their pretty flowers.

Gloriosa. Flowers large and brilliant red in color. Pkt. 5 cts.
Duke of Albany. Satiny white. Pkt. 5c.
Brilliant. Bright crimson. Pkt. 5 cts.
Grandiflora compacta. Large-flowering white. Pkt. 5 cts.
Mixed. All colors. Pkt. 5 cts., oz. 30 cts.

HIBISCUS

Africanus. Showy and effective. Large, cream-colored flowers, with brown center. Pkt. 5 cts

Giant Yellow. The flowers attain a great size, measuring 7 to 8 inches in diameter; canary yellow, with garnet throat. Pkt. 10c.

HOLLYHOCK, Everblooming. Blooms first season if sown early; flowers double, semi-double and single, and in a great diversity of colors. Pkt. 25 cts.

HUNNEMANNIA fumariæfolia (Giant Yellow Tulip Poppy). Large, buttercup yellow, poppy-like flowers. 2 feet Pkt. 5c.

HIBISCUS.

MARIGOLD.

ICE PLANT (Mesembryanthemum). Glistening waxen leaves and stems covered with a shining granular coat; plant trailing; for baskets, vases, borders. Mixed. Pkt. 5 cts.

IPOMOPSIS (Standing Cypress). Handsome plants, with long spikes of red or bright scarlet flowers, and fine foliage. Mixed. Pkt. 5 cts.

KAULFUSSIA. Compact, free-blooming, from 6 inches to 1 foot high. Flowers blue, violet, white, crimson or rose; graceful and pretty. Mixed. Pkt. 5c.

KOCHIA scoparia (Summer Cypress). The plants grow in a beautiful pyramidal form. The leaves are finely cut, light green and turn crimson in the fall. Fine for borders. 2 feet. Pkt. 10 cts.

LARKSPUR

Rocket Larkspurs are very showy; flower-spikes of bright colors.

Dwarf Double Rocket, Tall Double Rocket. Mixed colors of each. Pkt. 5c., oz. 25 cts.

LARKSPUR.

Emperor. Plant of symmetrical habit; double flowers. Mixed. Pkt. 5 cts.

Branching. Bears long spikes of flowers on long stems; blooms continuously until cut down by frost; fine for cutting. Pkt. 10 cts.

LAVATERA. Free-blooming plant, growing about 2 feet tall, and producing its showy red flowers all through the summer. Pkt. 5 cts.

LEPTOSIPHON. Beautiful in flower and foliage; effective grown in masses. 6 inches. Mixed. Pkt. 5 cts.

LINUM. Of great beauty. Blossoms scarlet and rose; stems and foliage fine. Pkt. 5 cts.

LOBELIA

Erinus speciosa superba. Dark blue, with large white eye; trailing. Pkt. 5 cts.

Speciosa, Crystal Palace. Dark blue, very fine; trailing. Pkt. 5 cts.

White Lady. Trailing, large-flowered white. Pkt. 10 cts.

Crystal Palace compacta. Dark blue flowers; fine for edging and carpet bedding. Pkt. 10 cts.

Speciosa superba compacta. Dark blue, with large white eye; fine. Pkt. 10 cts.

Compacta alba. White. Pkt. 10 cts.

LUNARIA (Honesty). Hardy biennial, and must be sown in autumn or early spring for flowers the first year. Flowers white and double. Pkt. 5 cts.

LUPINUS (Sun-Dial). Very effective in mixed borders. The seed should be sown where plants are to stand. 2 feet. Mixed. Pkt. 5 cts.

MARIGOLD

Showy plants for midsummer and autumn bloom; 1 to 2 feet tall, free-flowering and easy to grow.

Pride of the Garden. Dwarf, compact and very bushy. Flowers of immense size, very double, various shades of yellow. Mixed. Pkt. 10 cts.

Eldorado. Flowers from 10 to 14 inches around, very double, of bright golden orange and primrose shades. Pkt. 5 cts.

African. Of dense growth, with immense double flowers of a peculiar shade of golden yellow. Pkt. 5 cts.

Tall Double French. Mixed; flowers of various colors. Pkt. 5 cts.

Dwarf Double French. Plants low and compact. Mixed. Pkt. 5 cts.

Signata pumila. Dwarf plants; forms a true "gilt edge" for beds. Pkt. 5 cts.

MATHIOLA bicornis. Delightfully fragrant lilac flowers. A capital edging plant for dry and sunny exposures. Pkt. 5 cts.

MIGNONETTE

The matchless perfume of this flower renders it most popular.

Bismarck (Improved Machet). The largest flowering and most vigorous of all Mignonettes. Stout stalks, dark green crimpled foliage; flowers double the size of Machet. Pkt. 10 cts.

King of the Dwarfs. Plants of very neat bush form, attaining a height of 5 to 6 inches; spikes and flowers very large; color, bright crimson; fine for pot culture. Pkt. 10 cts.

Defiance. Spikes very large and deliciously fragrant. The individual flowers are of immense size, forming a graceful as well as a compact spike; fine for cutting. Pkt. 10 cts.

Machet. The best variety for pots; is dwarf and free-blooming; flower-spikes bright reddish maroon. Pkt. 10c.

Large-flowering. The old Mignonette, still as sweet as any. Pkt. 5 cts., oz. 20 cts.

MIMULUS (Monkey Flower)

Moschatus. The well-known Musk Plant. Pkt. 10 cts.

Tigrinus grandiflorus. Large-flowering new tigered and spotted varieties, in many colors. Pkt. 10 cts.

NEMOPHILA. Of compact habit, oddly and beautifully colored flowers of blue, purple and white, in unusual markings and blendings. Mixed. Pkt. 5 cts.

NICOTIANA. A stately plant, growing about 3 feet high, and producing fine effects with its broad tropical foliage and clusters of large, tubular, fragrant flowers. Pkt. 5 cts.

MIGNONETTE MACHET

NASTURTIUM, CHAMELEON.

DWARF NASTURTIUM

Tom Thumb Varieties, for Bedding

None of the old-fashioned plants deserve their renewal of popularity better than the Nasturtium, so brilliant and varied in coloring, free in bloom, and picturesque in appearance. Hardy habit of growth, even in hottest suns and poor soils; prime favorites for cut-flower work and personal adornment. The Dwarf Nasturtiums form thick masses of leaves and flowers not more than a foot in height.

All the following varieties, pkt. 5 cts., oz. 15 cts.

Vesuvius. Salmon-red; very fine.
Chameleon. Splashed crimson, bronze and yellow.
King of Tom Thumbs. Crimson.
Pearl. Creamy white.
Purpureum. Dark crimson.
Beauty. Very bright; flowers yellow and scarlet.
Empress of India. A splendid dark-leaved sort; brilliant crimson flowers.
Golden King. Large flowers of deep golden yellow.
King Theodore. Dark rich maroon; the petals look as if cut from velvet.
Cloth of Gold. Golden yellow foliage; light scarlet flowers.
Spotted. Deep orange, crimson blotches.
Lady Bird. Orange-yellow, red spots.
Cœruleo-roseum. Bluish red.
Aurora. Very beautiful flowers, varying in color from primrose to pale pink; lower petals tinged carmine.
Bronze. Burnished coppery bronze.
Prince Henry. Leaves cream-colored, marbled and spotted; bright crimson-scarlet flowers.
Crystal Palace Gem. Sulphur, spotted maroon.
Ruby King. Bright ruby-red.
Scheuermanni. Cochineal.
Superb Mixture. Oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.50.
Fine Mixed. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.
Collection of 6 named sorts, 25 cts.. 12 sorts 45 cts.

NIGELLA (Love-in-a-Mist). A delicate, pretty plant; light blue or white flowers, set in a mist of feathery green foliage, and bearing curious seed-pods. Mixed. Pkt. 5 cts.

NIEREMBERGIA. For baskets and edgings. Flowers white, tinted lilac. Pkt. 5 cts.

NOLANA. Beautiful trailing border plants, with flowers in all shades of blue, yellow and white. Mixed. Pkt. 5c.

NYCTERINIA. A dainty little edging plant, growing in dwarfish masses, brightened by a profusion of small, star-shaped, white or lilac flowers. Pkt. 5 cts.

ŒNOTHERA (Evening Primrose). Flowers large, fragrant and showy, white and yellow being the predominating colors, affording a brilliant display. Mixed. Pkt. 5 cts.

PENTSTEMON gloxinioides. A new annual variety, producing large spikes of gloxinia-like flowers, often 2 inches in diameter, and of brilliant and varied colors. Pkt. 15c.

PERILLA Nankinensis atropurpurea laciniata. Leaves rich, dark purple; fringed. Contrasts finely with silver-leaved foliage plants. Pkt. 10 cts.

LARGE-FLOWERING SINGLE FRINGED PETUNIA.

PETUNIAS

No annual of the garden is more lavish with its flowers, or more readily adaptable to any and every purpose than the Petunia. So popular has it become that enthusiasts have given years of patient care to its improvement, and we now have superb show varieties, fringed, ruffled and doubled, mottled, striped and self-colored.

PERILLA NANKINENSIS.

Large-flowering Double Fringed. All the best colors in Double Petunias. Pkt. 50c.
Double Lilliput. Small double flowers of fine colors, self-spotted and striped; charming for pot culture. Pkt. 25 cts.
Large-flowering Single Fringed. Choicest mixture from superb strains. Pkt. 25 cts.
Giants of California. The large, beautiful, fluffy blossoms are handsomely crimped, fringed and ruffled, and come in white, rose, velvety crimson-black, etc. Pkt. 25c.
Howard's Star. The Star is light blush-pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground color. Pkt. 25 cts.
Inimitable Dwarf. Striped flowers, dwarf bushy plants; very effective. Pkt. 10 cts.
Inimitable. Striped and blotched. Pkt. 10c.
Adonis. Fiery carmine, with white throat. Pkt. 10 cts.
Snowball. Dwarf bushy plants; small white flowers. Pkt. 10 cts.
General Dodds. Beautiful dark red. Pkt. 10 cts.
Brilliant Rose. Similar to above in habit. Pkt. 10 cts.
Single Mixed. Pkt. 5 cts., oz. 75 cts.

PORTULACA

Sturdy little trailing plants, that bloom brightest during the warmest, driest weather. Beds of them form brilliant rainbows of color on sunshiny mornings; the sun cannot be too warm for them.

Single Mixed. In many rich colors. Pkt. 5 cts., oz. 30 cts.
Double Large-flowering Mixed. A large percentage of the flowers will be as double as little roses. Pkt. 10 cts.

PANSIES

We wish to call special attention to our large assortment of Pansy seed, which includes all famous and distinct large-flowering strains, and in separate colors, all the most desirable shades and blendings. The collection is quite complete, and contains only the finest and purest strains.

GIANT TRIMARDEAU PANSY.

FINEST SHOW PANSIES

Bugnot's Large Blotched. Large superb flowers with broad blotches, many having the two upper petals finely lined in great diversity of handsomest and rarest colors. Pkt. 25 cts.
Cassier's Superb Strain. Large round flowers, the petals overlapping and often frilled, colors very rich and varied. Pkt. 25 cts.
Cassier's 5-blotched. Flowers of immense size, and five-spotted on background of very rich colors. Pkt. 25 cts.
Odier, or **Blotched.** Very fine strain of three- and five-blotched show Pansy. Pkt. 15 cts.
Orchid-flowered. Flowers of peculiar shape; the upper petals stand upright and are laid out in small folds, colors of the finest shades. Pkt. 15 cts.
Psyche. Flowers elegantly curled and undulated, a beauty in form and color; the five velvety blotches are surrounded by a broad white edge. Pkt. 10 cts.
Indigo King. The brightest blue in Pansies; flowers large and of a true indigo color without any spots or markings. Pkt. 15 cts.
Pretiosa. Petals curled, each one marked with a large, deep violet blotch, surrounded with a crimson-rose ground color, margined with a white edge. Pkt. 25 cts.
Diana. Pure cream color, an entirely new shade. Pkt. 10 cts.
Cassier's Golden 5-spotted. Very fine and distinct. Pkt. 25 cts.
Madam Perret. The color of the flower ranges through all shades of red, from a pink to a fine deep purple, with an intermediate bright red edged with white. Flowers immense in size. Pkt. 25c.
Masterpiece (New Giant Curled Pansy). The border of every petal is conspicuously undulated and curled. There are also found in this Pansy some lovely tints of color not met with in other Pansies. Pkt. 25 cts.
Bridesmaid. Flowers very large and of fine form. Ground color rosy white, rivaling in beauty and delicacy the finest apple blossoms, most strikingly setting off the dark blotches of the center. Pkt. 25 cts.
Ruby. Embraces the richest shades of red colors, from scarlet, scarlet-orange, wine-red to rose. Plant of dwarf habit, flowers of large and fine form. Pkt. 25 cts.

GIANT TRIMARDEAU VARIETIES

Beautiful class of vigorous and compact growth. Flowers of largest size.

Fiery Faces. Rich scarlet, golden margined, yellow center.
Parisian. Large stained, mostly white ground.
President Carnot. White, blotched with shades of violet-blue.
Violet-Blue. Fine bedder.
Royal Purple. Fine dark purple.
Meteor. Brown-red; fine.
Bronze Colors. Rich metallic shades.
Adonis. Light blue.
Black. Very dark.
Striped. Striped, mottled and flaked.
Emperor William. Ultra-marine blue.
Freya. Silver-edged.
Snowflake. Satiny white.
Auricula-flowered.
Yellow-marbled.
Peacock. Garnet and blue.
White. With violet eye.
Golden Yellow. Dark eye.
Yellow Gem. Pure yellow.
Fire King. Rich scarlet, gold edge.
Beaconsfield. Lavender and purple.
Hortensis. Shades of rose.
Fawn Colors. Distinct.
Black-Blue.
Azure-Blue.
Bismarck. Gold bronze.

Each of the preceding Giant varieties, or a mixture of all of them, 10 cts. per pkt.

BECKERT'S SUPERB MIXTURE, including all Show and Giant varieties, 25 cts. per pkt.

GOOD MIXED GERMAN PANSIES. Pkt. 5 cts., oz. $1.25.

TUFTED PANSIES. Finest mixture of these long and free-flowering varieties. Pkt. 25 cts.

PHLOX DRUMMONDII, LARGE-FLOWERING

Flowers as large as in the Perennial Class

Splendens. Bright red, with white eye. Pkt. 10 cts.
Chamois Rose. With white eye. Pkt. 10c.
Rosea alba oculata. Bright rose, with white eye. Pkt. 10 cts.
Rose. Brilliant rosy pink. Pkt. 10 cts.
Striata coccinea. Scarlet, white-striped. Pkt. 10 cts.
Kermesina alba oculata. Crimson, with white eye. Pkt. 10 cts.
Alba. Flowers pure white. Pkt. 10 cts.
Isabellina. Flowers yellow; distinct and new. Pkt. 10 cts.
Coccinea. Vivid scarlet flowers. Pkt. 10c.
Kermesina splendens. Vivid crimson, white eye. Pkt. 10 cts.
Violacea alba oculata. Purple, with white eye. Pkt. 10 cts.
Atropurpurea. Purplish blood color, purple eye; velvety. Pkt. 10 cts.
Alba oculata. White, with claret eye. Pkt. 10c.
Large-flowering Mixed. Pkt. 5 cts., oz. 75c.

PHLOX DRUMMONDII.

NEW DWARF PHLOXES (Nana compacta)

Fireball. Scarlet. Pkt. 10 cts.
Snowball. White. Pkt. 10 cts.
Chamois-rose. Pkt. 10 cts.
Choicest Mixed. Pkt. 10 cts.

These charming and unique dwarf Phloxes are of neat, compact habit, growing only about 8 inches high.

OTHER VARIETIES AND COLORS

Fimbriata. Large clusters of flowers with fringed petals. Mixed. Pkt. 10 cts.
Cuspidata. The new Star Phloxes. Pretty star-shaped flowers. Mixed. Pkt. 10 cts.

POPPIES

The annual Poppies are quite as brilliant and effective for all purposes as the perennial sorts. They grow freely in any good soil.

POPPIES.

SINGLE POPPIES

Tulip. Scarlet flowers; late. 12 to 14 inches. Pkt. 5 cts., oz. 75 cts.

Shirley. Semi-double and single, daintily colored. Mixed. Pkt. 5c., oz. 40c.

Danebrog. Brilliant scarlet, with a large white spot at the base of each petal. Pkt. 5c., oz. 25c.

Single Scarlet. Brilliant scarlet. Pkt. 5c., oz. 25c.

Single Mixed. Best sorts and colors. Pkt. 5c., oz. 25c.

DOUBLE POPPIES

Mikado. Each blossom is a large, soft ball, pure white at base, scarlet toward the tips. Pkt. 5 cts., oz. 25 cts.

Peony-flowered. Mixed. Pkt. 5 cts., oz. 25 cts.

Double White. Double, pure white flowers. Pkt. 5 cts., oz. 25 cts.

Double Chamois-Rose. Globular flowers. Pkt. 5 cts., oz. 25 cts.

Double Cardinal. Bright scarlet flowers. Pkt. 5 cts., oz. 25 cts.

Double Mixed. Pkt. 5 cts., oz. 25 cts.

RICINUS (Castor-Oil Bean)

Philippinensis. A fine new variety, with very large and beautiful foliage. Pkt. 5 cts., oz. 20 cts.

Sanguineus. Stalks and fruit-clusters blood-red. Pkt. 5c., oz. 20c.

Borboniensis arboreus. Grows 15 feet. Leaves enormous. Pkt. 5 cts., oz. 15 cts.

Cambodgensis. Red-black stems, very dark leaves; very distinct. Pkt. 5 cts., oz. 20 cts.

Gibsoni. Dark purple leaves and stems. Pkt. 5 cts., oz. 15 cts.

Zanzibarensis. New and distinct. The plants present a splendid aspect with their gigantic leaves. Seeds also very distinct, very large and of exquisite tints. Mixed. Pkt. 5 cts., oz. 20 cts.

SUNFLOWERS (Helianthus)

Globosus. Flowers large, very double; rich saffron color. Pkt. 5 cts., oz. 15 cts

Dwarf Double. Very floriferous. Pkt. 5 cts., oz. 20 cts.

Thousand-flowered. Branches covered with double golden yellow flowers. 8 feet. Pkt. 10 cts., oz. 40 cts.

Sulphur Gem. Single sulphur-yellow flowers with black center; habit branching, blooms continually. Pkt. 5 cts., oz. 15 cts.

Cucumerifolius nanus compacta. Very bushy and compact; about 12 inches high, 18 inches in diameter; free-flowering. Pkt. 10c.

Cucumerifolius stella. Elegant bright yellow single flowers with black center; very floriferous; fine for cutting. Pkt. 10c., oz. 40c.

STOCKS.

Cucumerifolius miniature. Similar to the preceding, but flowers of diminutive size. Pkt. 10 cts., oz. 50 cts.

Cucumerifolius fl. pl. A form of the preceding, producing double and semi-double flowers. Pkt. 10 cts.

SALPIGLOSSIS

Large-flowering. Blossoms are velvety, with deep veins and markings, lily-shaped and quaintly lovely. Mixed. Pkt. 5 cts.

Tom Thumb. A dwarf, bushy form; well branched, blooming continually during the summer. 1 foot. Mixed. Pkt. 10 cts.

SANVITALIA procumbens. A dwarf-growing plant, continually bright with single golden yellow flowers. A most cheerful and beautiful addition to the garden. Pkt. 5 cts.

SAPONARIA (Bouncing Bet). A hardy annual, with thick clumps, and producing masses of fragrant red cruciform flowers. Pkt. 5 cts.

SCABIOSA, Large-flowering (Mourning Bride). Curious and pretty; an old-fashioned flower, still deservedly popular, and one of the most satisfactory to grow. Mixed. Pkt. 5 cts.

STOCKS

Fragrant and free-blooming, and easy to grow, either in beds or pots. Almost all the varieties have long, handsome spikes of flowers.

LARGE-FLOWERING GERMAN TEN-WEEKS. This plant flowers 10 or 12 weeks after the seed is sown. We offer a magnificent strain of this in separate colors: **Peach Blossom, Yellow, Pure White, Carmine, Crimson, Light Blue, Pink, Scarlet, Dark Blue.** Each, pkt. 10 cts. **Mixed,** pkt. 5 cts.

Cut-and-Come-Again. An unusually free-flowering variety. From spring until late in the fall the plants are covered with flowers. They thrive equally well in pots or beds. **White, Pink, Yellow, Light Blue, Crimson.** Each or mixed, pkt. 10 cts.

Snowflake. Very early-flowering, and indispensable for forcing. Pkt. 15 cts.

Giant Perfection. Of pyramidal habit, with long spikes of beautiful large double flowers. 2 feet. Mixed colors. Pkt. 10 cts.

SOLANUM nanum (Jerusalem Cherry). Very ornamental compact-growing plant, with small dark green leaves and producing an abundance of bright scarlet berries. Pkt. 5 cts.

VISCARIA. Flowers all tints and shades of red. Pkt. 5c.

VERBENAS

These are among our brightest and best bedders.

MAMMOTH. The florets average an inch in diameter, and have clearly defined margins and large white centers.

Mammoth White.	**Mammoth Blue.**
Mammoth Scarlet.	**Mammoth Striped.**
Mammoth Pink.	**Mammoth Auricula-flowered**

Each or mixed, pkt. 10 cts., oz. $1.50.

Commandant Marchand. A very distinct new large-flowering variety; color very rich, deep velvety maroon. Pkt. 15 cts.

Defiance. Bright scarlet flowers. Effective in bedding. Pkt. 10c.

Choice Mixed. Pkt. 5 cts., oz. $1.25.

New Dwarf Varieties (Nana compacta). Very dwarf, spreading habit. Mixed. Pkt. 10 cts.

Compacta Rose Scarlet. Forms pretty round bushes of upright growth; flowers large, bright rosy scarlet with a white center; fine for bedding. Pkt. 25 cts.

Erinoides (Moss Verbena). Of low spreading habit, producing in profusion purplish blue blossoms, in flower from June until frost. Pkt. 10 cts.

WHITLAVIA. Beautiful bell-shaped flowers of white or blue borne in clusters; adapted to baskets, borders, etc. Mixed. Pkt. 5 cts.

ZINNIA ELEGANS (Youth-and-Old-Age)

All of them, but especially the dwarf sorts, give gay effects in bedding. The taller sorts are very useful for mixed borders or massing in large clumps.

ZINNIA.

Giant, or Robusta. Mammoth-flowered double variety, many brilliant colors; height 3 feet. Pkt. 5 cts.

Striped, or Zebra. Flowers double, distinctly striped. Only a portion of them come true. Bloom all summer Pkt. 5 cts.

Liliput-flowered. Tiny flowers of double, perfect form. Pkt. 5 cts.

Elegans, Double Mixed. A most pleasing variety. Pkt. 5 cts., oz. 50 cts.

Elegans, Curled and Crested. Pkt. 5c.

Pompon. Flowers of symmetrical cone shape, in many fine colors. Pkt. 5 cts.

Seeds of Ornamental Climbers

SEE ALSO GREENHOUSE PLANTS

ADLUMIA cirrhosa (Mountain Fringe). Rapid-growing biennial climber; flowers pink, produced freely. Pkt. 5 cts.

ANTIGONON leptopus (Mountain Beauty). Hardy and enduring; foliage resembles that of *Ampelopsis Veitchii*. Produces in great profusion large clusters of brilliant carmine flowers. Pkt. 10 cts.

AMPELOPSIS Veitchii (Japan or Boston Ivy). A beautiful vine for covering walls and buildings, to which it adheres closely. Pkt. 5 cts., oz. 20 cts.

ASPARAGUS verticillatus. A graceful, hardy perennial climber, with feathery foliage and red berries. Pkt. 10 cts.

CALAMPELIS (Bugle Vine). Annual climber, with orange-colored tubular flowers and delicate green foliage. 10 feet. Pkt. 5c.

COBÆA scandens. Rapid and luxuriant in growth. The deep violet-blue flowers are large and bell-shaped. Pkt. 5 cts.

DOLICHOS lablab (Hyacinth Bean). Large clusters of showy white or purple flowers. It grows rapidly; makes a fine screen of thick foliage. Pkt. 5 cts., oz. 15 cts.

HUMULUS

Japonicus. Seed sown in early spring produces plants which will cover a wide spread in a short time. Pkt. 5 cts.

Japonicus variegatus. Leaves broadly edged with cream color, and marked and shaded with silvery white and deep green; often a whole branch and its leaves will be pure white. Pkt. 5 cts.

IPOMŒA

In this large class of tender annuals are included many handsome climbers—of Evening- as well as Morning-Glories and other favorites.

Setosa (Brazilian Morning-Glory). Beautiful rose-colored flowers and huge leaves; remarkably luxuriant in growth. Pkt. 10 cts.

Learii. Flowers violet-blue; an elegant greenhouse species. Pkt. 10c.

Quamoclit (Cypress Vine). Delicately cut foliage and small, star-shaped flowers of scarlet or white. Mixed. Pkt. 5 cts., oz. 20 cts.

Grandiflora (Moonflower). The large, pure white flowers of this plant open at night; quite fragrant. Pkt. 10 cts.

Heavenly Blue. Foliage large, heart-shaped; flowers 4 to 5 inches across; light blue, with yellow throat. Pkt. 10 cts.

Bona Nox (Good Night, or Evening Glory). Large, violet flowers. Pkt. 5 cts.

IMPERIAL JAPANESE MORNING-GLORY.

Northern Light. Blooms 2 inches in diameter, pinkish lavender; opens earlier than any other evening-blooming Ipomœa. Plant a rampant grower; foliage large and handsome. Pkt. 5 cts.

Purpurea flora plena (Double-flowering Morning-Glory. Pkt. 5c.

Imperial Japanese Morning-Glories

The flowers measure from 4 to 6 inches across, and their greater substance causes them to remain open much longer than ordinary Morning-Glories. The colors of the flowers, shadings and markings are limitless. Sow early in May, in a warm, sunny position, in good, rich soil, and give plenty of water in dry weather. Superb mixed colors. Pkt. 10 cts., oz. 50 cts.

MORNING-GLORIES (*Convolvulus major*). Well-known and favorite annuals. Splendid mixture. Pkt. 5 cts., oz. 15 cts.

LATHYRUS

Latifolius (Everlasting Pea). A hardy perennial growing 6 to 8 feet high. Mixed. Pkt. 10 cts., oz. 30 cts.

Pink Beauty. Bright rosy pink. Pkt. 10 cts.

LINARIA cymbalaria (Kenilworth Ivy). Dainty little vine for climbing or creeping, rockwork or baskets. Flowers lavender-purple; leaves ivy-like and glossy. Pkt. 10 cts.

LOPHOSPERMUM scandens. Ornamental climber with rosy purple, foxglove-like flowers. 10 feet. Pkt. 10 cts.

MAURANDIA, Giant-flowering. Graceful annual climber for window or conservatory; admirable to hang from vases or to cover stumps and low trellises; blooms very freely. Pkt. 10 cts.

MINA lobata. Vivid scarlet in bud, changing in the open flower to creamy white; foliage dense and luxuriant. Pkt. 10 cts.

NASTURTIUMS, TALL

Chameleon. Bears flowers of various colors on the same plant.

Edward Otto. Bright rose.

Spotted. Orange-yellow, spotted crimson.

Dark Crimson.

Atropurpureum. Rich brown-red.

Prince Henry. Lemon-yellow, with carmine blotches.

Schillingi. Deep orange-yellow, crimson and brown at base of petals.

Foliis aureis. Scarlet flowers, golden leaves.

Heinemanni. Chocolate colored.

Hemisphæricum. Straw color, rosy blotched.

King Theodore. Crimson; dark-leaved.

Vesuvius. Salmon-rose; dark-leaved.

Scheuermanni coccineum. Scarlet, striped.

All the above-named sorts. 5 cts. per pkt., 15 cts. per oz.

Superb Mixed. Pkt. 5c., oz. 15c., 2 ozs. 25c., 4 ozs. 40c., lb. $1.50.

Fine Mixed. Pkt. 5 cts., oz. 10 cts., 4 ozs. 30 cts., lb. $1.

TROPÆOLUM

Lobbianum. Very superior for trellises, arbors or vases. Flowers brilliant and rich; borne in great profusion. Superb mixed. Pkt. 5 cts., oz. 15 cts.

Peregrinum (Canary Creeper). Graceful winged flowers of pure light yellow. Pkt. 5 cts., oz. 25 cts.

BRIGHT-FRUITED VINES AND GOURDS

Curious fruited vines, desirable because of ornamental foliage, or the odd and striking shapes and vivid colors of their fruits.

ABOBRA viridiflora. Small, oval, bright scarlet fruits. Pkt. 5 cts.

BALSAM APPLE. Fruit orange and red; flowers cream-colored. Pkt. 10 cts.

BALSAM PEAR. Coppery scarlet fruits: 10 feet. Pkt. 10 cts.

BRYONOPSIS. An annual climber, with small, scarlet fruits; 10 feet. Pkt. 5 cts.

CARDIOSPERMUM (Balloon Vine). Balloon-shaped seeds. Pkt. 5 cts.

COCCINEA Indica. Flowers white; fruit scarlet; 8 feet. Pkt. 5c.

GOURDS.—Anguinus, Angora, Apple, Bottle, Bishop's Hat, Bell-Pear, Crookneck, Dishrag, Gooseberry, Hercules' Club, Hedgehog, Lemon, Nest Egg, Onion, Orange, Pear, Powder-Horn, Pomegranate, Perennial, Serpent, Siphon, Sugar Trough, Turban Striped, Turban Red, Umbrella. All 5 cts. per pkt.; mixture, 5 cts. per pkt., 15 cts. per oz.

KUDZU VINE. Of very rapid growth, with large foliage and producing fragrant purple wistaria-like flowers. Pkt. 10 cts.

SOLANUM Seaforthianum. Produces, in great profusion, large panicles of light blue flowers, followed by scarlet berries. Pkt. 15c.

WILD CUCUMBER. Grows very rapidly. Pkt. 5 cts.

SWEET PEAS GROWN FROM OUR SEED.

Newest and Best Sweet Peas

We offer a very fine assortment of these beautiful, fragrant and very popular flowers. We have these grown for us under the most favorable conditions as to soil and climate, and the quality of our stock is unexcelled. Sweet Peas should be sown very late in the fall, or as early in spring as possible. The soil should be rich, the drills six inches deep. Cover first about an inch, and as the plants grow fill in until the drill is full.

All the following varieties, 5 cts. per pkt., 10 cts. per oz., 15 cts. for 2 ozs., 25 cts. per 1-4 lb.

America. White, striped red.
Admiration. Delicate rosy lavender.
Aurora. Flaked orange-salmon, largest striped.
Blanche Ferry. Rose-pink, wings white.
Coquette. Deep primrose, shaded lavender.
Countess of Cadogan. Bluish purple; wings clear blue.
Dorothy Tennant. Deep rose-mauve; very fine.
Duke of Sutherland. Deep claret and indigo-blue.
Duke of Westminster. Rosy claret.
Earliest of All. Same as Extra-Early Blanche Ferry but earlier.
Emily Henderson. White: blooms early.
Gray Friar. Beautiful watered purple on white ground.
Hon. F. Bouverie. Standard flesh-pink; wings rosy buff.
Lady Grisel Hamilton. Pale lavender-blue.
Lovely. Soft shell-pink.
Mrs. Dugdale. Rich shade of Rose.
Lottie Eckford. White, suffused with lavender-blue.
Navy Blue. Purple standard, navy-blue wings.
Othello. Deep maroon.
Pink Friar. Carmine, suffused with white.
Prima Donna. Lovely shade of soft pink.
Prince Edward of York. Scarlet, wings rose.
Prince of Wales. Bright rose-pink.
Queen Victoria. Primrose, overlaid with faint purple.
Ramona. White, splashed with pale pink.
Royal Rose. Deep rosy pink.
Sadie Burpee. White.
Salopian. One of the best scarlets.
Stella Morse. Creamy yellow, pink tinge.
Superb Mixture of Finest Large-flowering Sorts. Oz. 10 cts., 2 ozs. 15 cts., 4 ozs. 25 cts., lb. 60 cts., by mail 70 cts.
Good Mixed. Oz. 5 cts., 4 ozs. 15 cts., lb. 40 cts., by mail 50 cts.

BUSH SWEET PEAS

Grow in bush form to a height of 18 inches, and have self-supporting flowers of good size and form.

Mixed Colors. Pkt. 5 cts., oz. 15 cts.

DWARF CUPID SWEET PEAS.

DWARF CUPID SWEET PEAS

Foliage deep emerald green. Plants not over 5 inches high and spreading in habit; very profuse and continuous bloomers.

Alice Eckford. White, suffused with pink.
Beauty. Rich rose-pink.
Boreatton. Rich wine-brown.
Countess of Radnor. Lavender.
Firefly. Scarlet.
Primrose. Primrose-yellow.
White Cupid.
Pink Cupid.

Each of the above Cupids, or in mixture, pkt. 5 cts., oz. 10 cts., 1-4 lb. 25 cts., lb. 75 cts., by mail, 85 cts.

THUNBERGIAS

These are among our best half-hardy annual climbers. The vine is of slender and graceful but very rapid growth, with elegant foliage and extremely pretty, dark-eyed flowers of white or yellow. **Separate or mixed. Choice mixed,** pkt. 15 cts., oz. 50 cts.

Seeds of Hardy Perennials

MANY PERENNIALS BLOOM THE FIRST SEASON IF SOWN EARLY

The permanent character of the Hardy Perennials, which live and bloom from year to year for an indefinite period, with but little care, renders them very popular among all classes of gardeners. Some of our very finest flowers are to be found among these plants for the hardy garden, many of which, though old-fashioned, are dear through associations. Perennials sown in fall will often bloom the next season.

ANTIRRHINUM.

ACANTHUS. Grows in almost any soil and situation; of a stately character.
Latifolius. Flower-spikes tall and handsome. Pkt. 10 cts.
Mollis. Showy; very ornamental foliage. Pkt. 10 cts.

ACONITUM (Monk's Hood). Curious helmet-shaped flowers, produced on tall racemes above the finely cut foliage from midsummer until late autumn; bright blue. Pkt. 5 cts.

ADONIS vernalis. A bright early spring flower, with large showy yellow flowers. Pkt. 5 cts.

ALYSSUM saxatile compactum. Low-growing, with light green, silky foliage and golden yellow flowers. Useful for shaded places. Pkt. 5 cts.

ANEMONE. Among our earliest spring flowers. Their blossoms are various shades of scarlet, purple, blue, white, sometimes striped. Fine mixture. Pkt. 5 cts.

ANTIRRHINUM (Snapdragon). Blooms the first year from seed if sown early, and makes very bright and showy bedding plants. The dwarf sorts grow 6 to 8 inches to 1 foot tall.
Nanum grandiflorum. Plants very stocky, growing to a height of only 6 inches, and densely covered with their large and beautiful flowers. Bloom continuously. Pkt. 5 cts.
Striata. Flowers white, striped with rose and carmine. Pkt. 10c.
Golden Queen. Pure yellow. Pkt. 10 cts.
Giant-flowering. Flowers are double the usual size, and closely set on the stems. **White** and **Mixed,** each per pkt. 10 cts.
Queen of the North. Semi-dwarf, bushy plants, covered with large, white, sweetly perfumed flowers. Pkt. 10 cts.
Tom Thumb, Mixed. All colors; fine for bedding. Pkt. 5 cts.

ARMERIA formosa (Thrift, Sea-Pink). Dwarf, hardy plants. Rosy pink flowers, borne in clusters above the tufts of leafage. Pkt. 5 cts.

BAPTISIA australis. A fine herbaceous plant; flowers beautiful blue, pea-shaped, produced on long spikes. Pkt. 5 cts.

AQUILEGIA (Columbine)

Handsome and free-blooming. Bears curiously shaped flowers in many bright and delicate colors, and displays them well against a mass of light and pretty foliage. 2 feet.
Cœrulea hybrida (Rocky Mountain Columbine). Flowers very large, more or less double toward the center, with long spurs; flowers white, marked with shades of blue; very fine. Pkt. 10c.
Glandulosa Vera. Large, erect blue flowers; pure white corolla; very fine. Pkt. 25 cts.
Large-flowering Yellow. Gold-spurred. Much admired; flowers large and bright golden yellow. Pkt. 10 cts.
Large-flowering White. Large, snow-white flowers, with long spurs. Pkt. 10 cts.
Vulgaris fl. pl. Double varieties mixed. These will give an abundance of odd and very pretty flowers. Pkt. 5 cts.

BELLIS PERENNIS FL. PL. (English Daisy)

This dainty little flower is a favorite everywhere. It is of easy culture, and grows well in all soils if given a rather moist, shaded situation. Flowering plants grow rapidly from seed sown in the border in early spring or in boxes in the house. They seldom exceed 6 inches in height, and bloom from spring until midsummer; in some localities sparingly in autumn. An exquisite plant for shady borders and edging to beds, or for window-boxes in a cool room, where in winter flowers are sent up thickly, forming rainbows of pink and white.
Giant Red. Choice large-flowering double red. Pkt. 10 cts.
Giant Longfellow. The bright, rose-colored flowers are very large and double, and borne on long, stiff flower-stalks; fine flowers for cutting. Pkt. 10 cts.
Giant Snowball. A pure white variety, with flowers very double, large and perfect. Pkt. 10 cts.
Giant Mixed. Pkt. 10 cts.

CALLIRRHOE. Lilac and white flowers, produced the first year if the seed is started early. Very pretty. Pkt. 5 cts.

CAMPANULA (Bellflower). Very popular for mixed beds and borders. These bear a profusion of large, bell-shaped flowers in blue, rose, pink and white.
Pyramidalis. Flowers in many shades of blue and white. Mixed. Pkt. 5 cts.
Calycanthema (Cup and Saucer). Handsome flowers in many tints of blue, rose and white. Mixed. Pkt. 5 cts.
Canterbury Bell. Produces large, bell-shaped flowers of charming form in many beautiful shades. Single and Double. Pkt. 5c.
Carpatica (Carpathian Blue Bells). Producing in profusion their erect bell-shaped flowers; blue and white. Pkt. 5 cts.

CANDYTUFT (Iberis). Dwarf-growing and free-flowering plants; very useful for the border.
Gibraltrica. White, suffused with pink. 1½ foot. Pkt. 10 cts.
Sempervirens. White, with glossy foliage. ½ foot. Pkt. 10 cts.

BELLIS PERENNIS FL. PL.

Use Our Evergreen Lawn Grass Seed

CARNATIONS. These should be slightly protected during the winter with a light covering of coarse litter or manure.

Grenadin Scarlet. Charming double scarlet flowers; dwarf and compact. Pkt. 25 cts.

Early-flowering Vienna. Flowers of all colors; choice mixed. Pkt. 10 cts.

Double Finest Mixed. The best types of hardy Carnations; fine for cutting. Pkt. 10 cts.

COREOPSIS lanceolata, Large-Flowering (Harvest Moon). The flowers of this giant sort are nearly double the size of the older variety, measuring nearly 4 inches across; deeper yellow in color, with petals broader and more overlapping; flowers very freely; fine for cutting. Pkt. 10 cts.

CRUCIANELLA. Low, tufted plants, seldom more than a foot high; rose-colored flowers in profusion the greater part of the summer. Pkt. 5 cts.

DIANTHUS PLUMARIUS NANUS FL. PL.

DIANTHUS

Sweet William (*D. barbatus*). Attractive, profuse-blooming garden plants. The flowers have a quaint perfume. Pkt. 5 cts.

Double Mixed. Many colors. Pkt. 10 cts.

Single Mixed. Pkt. 5 cts.

Plumarius (Pheasant's-Eye Pink). Double fringed flowers, fragrant, of white, crimson or purple shades. Pkt. 10 cts.

Plumarius nanus fl. pl. (Grass Border, or Spice Pink). Habit of growth very compact, and comes into bloom much earlier than other varieties: of dwarf, compact habit, attaining a height of about 12 inches; flowers of spicy fragrance and produced in a large variety of colors and markings. Pkt. 25 cts.

DELPHINIUM (Perennial Larkspur). Indispensable to the hardy garden, because of their long and graceful spikes of richly colored flowers; fine for cutting.

Formosum. Rich blue flowers, with white centers. Splendid mixture. Pkt. 10 cts.

Formosum cœlestinum. Of distinct, delicate azure-blue; very pretty. Pkt. 10 cts.

Cashmerianum. Beautiful dark blue. Pkt. 10 cts.

Large-flowering White and **Blue.** Large, single flowers on long spikes. 2 feet. Each, pkt. 10 cts.

Hybridum. Splendid mixture. All the Larkspurs are easily grown from seed, and soon form handsome clumps. Pkt. 10c.

Elatum hybridum nanum. Semi-dwarf; produces extra large flowers in all shades of blue, from the lightest celestial to the deepest indigo. Pkt. 15 cts.

Sulphureum (Zaill). Produces tall spikes of sulphur-yellow flowers; very fine. Pkt. 15 cts.

Nudicaule. Scarlet; dwarf and compact. Pkt. 15 cts.

DICTAMNUS (Gas Plant). Bright red flower-spikes often a foot long and pleasantly fragrant; flowers profusely. Pkt. 5c.

DIGITALIS (Foxglove). Stately and handsome plants, with fine waxen flowers, gracefully drooping from long stems on which they are thickly set. 3 feet.

Gloxinia-flowered. Large spotted flowers. Mixed colors. Pkt. 5c.

Grandiflora. Large-flowering mixed. Pkt. 10 cts.

Monstrosa. Long spikes, surmounted by one very large flower. Mixed colors. Pkt. 5 cts.

Maculata superba. Beautiful spotted flowers of various colors. Pkt. 5 cts.

GAILLARDIA, Large-flowering. Very large, handsome flowers, having dark crimson centers marked with rings of many brilliant colors. Pkt. 10 cts.

Grandiflora compacta. Of bushy habit, about a foot high; flowers rich and varied; blooms all summer. Pkt. 10 cts.

Grandiflora, Semi-double. Flowers nearly 4 inches in diameter; varying from light to deep yellow, tinged at base with aurora or wine-red. Pkt. 25 cts.

GENTIANA acaulis (Blue Gentian). Fine for edging and rockwork; flowers rich blue. Pkt. 10 cts.

GUNNERA manicata. A splendid foliage plant for lawn decoration; leaves 5 to 6 feet across and 8 to 10 feet in height; requires rich soil and abundance of moisture; requires winter protection. Pkt. 25 cts.

GYPSOPHILA paniculata (Baby's Breath). A dainty, mist-like plant, with sprays of small, white, star-shaped flowers and delicate foliage. Pkt. 5 cts.

HOLLYHOCKS

Stately and handsome plants. Their tall spikes of double silken flowers are magnificent when grown in clumps or rows. Superb strains of **White, Yellow, Crimson, Pink, Salmon, Light Carmine, Purple, White Violet Center** and **Mixed.** Each, pkt. 10c., oz. $1.50.

Chater's Double Finest Mixed. Pkt. 15 cts., oz. $1.50.

Single Mixed. Pkt. 10 cts., oz. $1.

Allegheny Mammoth Fringed. Mammoth flowers formed of loosely arranged fringed petals appear as if made of fine silk; shell-pink, pink, red, maroon and salmon flowers; spikes 6 to 7 feet. Mixed. Pkt. 10 cts., oz. $1.25.

INCARVILLEA Delavayi. Flowers produced in long spikes, cup-shaped, of a bright rose-color, and 2 inches in diameter; very fine. Pkt. 25 cts.

LAVENDER (Lavandula). Grown for its fragrant leaves and flowers, which retain their fragrance when cut and dried. Pkt. 5c.

LOBELIA cardinalis (Cardinal Flower). Long spikes of intense scarlet flowers; one of the most brilliant plants in cultivation. Suitable for all situations. Pkt. 10 cts.

LYCHNIS hybrida. Flowers bright and pretty; if sown early will bloom the first year. 2 feet. Scarlet, orange, rose, crimson, mixed. Pkt. 5 cts.

DOUBLE HOLLYHOCK.

ORIENTAL POPPIES.

MYOSOTIS (Forget-Me-Not)

These plants thrive best in moist, shaded places, forming neat, compact little clumps, bright with graceful sprays of starry blue flowers.

Alpestris Victoria. Of dwarf, globular habit, with sky-blue flowers; fine for pots. Pkt. 10 cts.
Alpestris alba. Large white flowers. Pkt. 5 cts.
Alpestris grandiflora. Bright blue; pyramidal habit. Pkt. 10c.
Alpestris, Distinction. Azure-blue; blooms early. Pkt. 10 cts.
Palustris. Beautiful blue flowers. Pkt. 10 cts.

PAMPAS GRASS (*Gynerium argenteum*). The silvery plumes are very light and graceful in effect. For clumps upon lawns the plant is elegant and striking, and usually grows from 6 to 8 feet high. Requires winter protection. Pkt. 10 cts.

PENTSTEMON, Large-flowering. The plants are herbaceous, and bloom from early summer until frost. Flowers are white, blue, scarlet, crimson, yellow, etc. Mixed. Pkt. 5 cts.

PHYSALIS Franchetî (Giant Winter Cherry). Produces fruit double the size of the old Winter Cherry. Pkt. 5 cts.

PLATYCODON, or **WAHLENBERGIA** (Chinese Bellflower). Large, broad, bell-shaped blue or white flowers; very handsome. 1½ feet. Mixed. Pkt. 10 cts.

PYRETHRUM. Very showy plants, with aster-like flowers.
Atrosanguinea. Dark red. Pkt. 10 cts.
Double Hybrids. Finest mixed. Pkt. 25 cts.
Single Hybrids. Finest mixed. Pkt. 10 cts.

PRIMULA (Auricula). Cowslips, or Hardy Primroses, are favorite early spring flowers with clusters of bright red and yellow blossoms.

Auricula. Mixed seed of best varieties. Pkt. 10 cts.
Elatior (Polyanthus). Choice mixed seed of large flowers. Pkt. 10c.
Vulgaris. The true fragrant yellow Primrose. Pkt. 10 cts.
Japonica. Flowers in whorls carried on erect stalks. 1½ feet. Pkt. 10 cts.

POPPIES

Orientale. Large, rich, brilliant flowers. The loose silken petals have each a blotch of black at the base. 2 feet. Pkt. 10 cts., oz. $1.

Oriental Hybrids. Flowers 6 inches and over in diameter; colors salmon, pink, cherry, etc. Pkt. 10 cts., oz. $1.50.
Nudicaule (Iceland Poppy). Very graceful habit; flowers white, yellow and orange-scarlet. Mixed. Pkt. 10 cts.
Bracteatum. Very large orange-scarlet flowers. Pkt. 10 cts.

ROMNEYA Coulteri (Great White California Poppy). Flowers fragrant, 4 to 5 inches across; pure white, with golden stamens. 6 feet. Pkt. 10 cts.

RUDBECKIA superba. Forms a dense bush 2 feet high. Flowers golden yellow, with large, dark spots; very floriferous and fine for cutting. Pkt. 10 cts.

SCABIOSA Caucasica. Flowers pale blue, large and very bright; fine for cutting. 3 feet. Pkt. 10 cts.

SHASTA DAISY (*Chrysanthemum Leucanthemum Hybridum*). Flower large and snow-white with yellow center; blooms first season from seed. Pkt. 25 cts.

VALERIANA (Garden Heliotrope). Early-flowering. Mixed. Pkt. 5 cts.

VIOLA (Sweet-scented Violet). Sow early. Mixed. Pkt. 5c.

WALLFLOWERS. Exquisite perfume and rich, quaint, bright colors—usually brownish red, yellow and violet.
Double Mixed. This mixture gives fine flowers in all Wallflower colors. Pkt. 10 cts.
Single Mixed. From select plants of best colors. Pkt. 5c.

SCABIOSA.

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Seeds of Greenhouse Plants

The rarest and handsomest Stove and Greenhouse Plants may be grown from seed. Directions for culture are printed on all our seed packets, and the seed contained in them is fresh and of strong germinating power. Among these are included some varieties that are planted outdoors but of which the seed should be started under heat.

ABUTILON. Flowers of all sizes and forms; pure white, lemon-yellow, rose, scarlet-crimson, yellow and red shades beautifully veined. Mixed, pkt. 10 cts.

ACACIA. Fine ornamental foliage and showy racemes of yellow globular flowers. Mixed, pkt. 10 cts.

ASPARAGUS PLUMOSUS NANUS.

ALOYSIA Citriodora (Lemon Verbena). An old favorite; leaves deliciously fragrant; grows easily from seed and can be retained for years if taken up in the fall and stored in a cool cellar. Pkt. 10c.

ARALIA Sieboldi. A fine decorative plant, with large, ornamental foliage. Pkt. 10 cts.

ASPARAGUS plumosus nanus. A graceful greenhouse climber, with feathery, lace-like foliage. Pkt. 25 cts.

Sprengeri. Desirable to grow as a pot-plant or for planting in suspended baskets. Pkt. 25 cts.

BEGONIAS

Begonias are now grown in such large quantities, both for summer bedding and winter flowers, that many people prefer sowing the seed to buying the plants.

Vernon. The plant is strong, dark-leaved, dwarfish and branching in habit, and the coral-red flowers cover it thickly all summer long. Valuable for bedding, pot culture and winter decoration. Pkt. 10c.

Dwarf Vernon. Forms a small, round bush, profusely covered with brilliant red flowers. Foliage deep brown-red. Pkt. 15 cts.

Vulcan. Similar to Vernon. The plants are covered with flowers of the most intense red. Pkt. 15 cts.

Tuberous-rooted. Large flowers of various shapes and colors. The tubers must be lifted and stored in dry sand in a dry, warm place in autumn. **Single** and **Double Mixed.** Each, pkt. 25 cts.

CINERARIA HYBRIDA GRANDIFLORA.

CINERARIA

Hybrida grandiflora. The Cineraria is a very distinct and showy window plant, and it blooms at a season when its magnificent crown of brilliant velvet flowers is most appreciated. Our seed is from a splendid mixture of large-flowering varieties. **Large-flowering Superb Mixed** and **Dwarf Large-flowering Mixed.** Each, pkt. 25 cts.

Large-flowering, Veitch's Superb Mixed. Pkt. 75 cts.

New Striped Varieties Mixed. Fine. Pkt. 25 cts.

Stellata (Star Cineraria). Large panicles of star-shaped flowers, ranging in the same colors as the preceding class. Pkt. 50 cts.

Candidissima. Used in ribbon-bedding, vases, etc. Leaves are silvery. Pkt. 10 cts.

CENTAUREA (Dusty Miller). Silver-leaved; indispensable for ribbon beds and borders.

Candidissima. Leaves broader and whiter than in any other silver-leaved sort. Pkt. 10 cts.

Gymnocarpa. Of very graceful growth; a fine variety. Pkt. 10c.

CALCEOLARIA

The curiously shaped and oddly marked flowers of these plants at once attract notice.

Large-flowered Self-colored. Splendid strain; very large flowers; robust and floriferous. Pkt. 25 cts.

Large-flowered, Tigered, or Spotted. Most brilliant and beautifully marked flowers. Pkt. 25 cts.

Veitch's Superb Strain Mixed. Exceedingly rich in color, spotted and blotched, of fine form and substance. Pkt. 75 cts.

Golden Bedder. Of dwarf habit, with large heads of bright yellow flowers. Pkt. 75 cts.

CARNATIONS

A large proportion of the plants will produce flowers as large, double, fragrant and brilliantly colored as those from purchased plants of named varieties. The Vienna and Grenadin species are excellent for open-air culture, and bloom several weeks earlier than the other sorts.

Perpetual, or Tree. Tall plants, continually in flower. Our seed will produce 75 per cent of double flowers. Pkt. 10 cts.

Double Self Colors. Flowers of pure and beautiful colors; very fragrant. Pkt. 10c.

Margaret Carnations. See Annuals for Bloom the First Season.

Picotees. Flowers either white or yellow, bordered with purple, red or rose. Fine mixed, pkt. 25 cts.

COLEUS HYBRIDUS ORNATUS.

COLEUS

The leaves are of many shapes and brightest colors and nearly all varieties have a rich velvety appearance. Seed sown in March or April will produce fine plants for bedding.

Hybridus. Choicest hybrids, best selected varieties, splendid mixed. Pkt. 25 cts.

Hybridus Regales. Newest large-leaved varieties, splendid mixed. Pkt. 25 cts.

Hybridus Ornatus. Large, strikingly handsome foliage; irregularly spotted and marbled with blackish purple, blood-red, carmine and rose, and abundantly sprinkled with white, yellow, green and brown, producing a beautiful combination of colors. Pkt. 25 cts.

CHRYSANTHEMUMS

The beautiful seedling Chrysanthemums exhibited everywhere at autumn shows have encouraged many amateurs to try growing the plants from seed, and this is very easily done. If the seed is sown early, kept warm and moist, and the plants are carefully tended, they will give handsome flowers the first year.

Finest Mixture. From choice flowers of Chinese and Japanese sorts. Pkt. 25 cts.

CYCLAMEN

Valuable for spring and winter blooming. Leaves beautifully splashed with silver. Flowers large, curious and handsome, showing all shades of color, from crimson-maroon to pure white. They last long in perfection, and the appearance of a well-grown plant in full bloom is wonderfully attractive. Enjoying a cool or moderate temperature, these plants are very suitable for window or house culture. The seed is slow but sure in germinating. The little seedlings grow rapidly, and bloom in eight to ten months from the sowing.

Giant Deep Crimson, Giant White with Red Eye, Giant Pure White, Giant Dark Red, Giant Pink and Giant Mixed. Each, 25 cts. per pkt.

Veitch's Giant Superb Mixed. Pkt. 75 cts.

CYCLAMEN.

CYPERUS alternifolius (Umbrella Plant). An ornamental house plant and also for growing in winter in damp places. Pkt. 10 cts.

Papyrus (Egyptian Paper Plant). Fine for subtropical beds and aquatic gardens. Pkt. 25 cts.

DRACÆNA. Graceful decorative foliage plants; fine for vases.

Australis. Fine green leaves. Pkt. 10 cts.

Indivisa. Very graceful. Pkt. 10 cts.

Lineata. Dark green. Pkt. 10 cts.

FERN SEEDS. Finest mixed; saved from the best varieties. Pkt. 25 cts.

GERANIUM. A superb strain of the largest and finest varieties. Finest mixed. Pkt. 10 cts.

GLOXINIA. The waxen flowers of the Gloxinias are large, bell-shaped and richly colored, producing grand effects when grouped.

Hybrida grandiflora. Erect; finest mixed. Pkt. 25 cts.

Veitch's Superb Strain. Erect-flowered, mixed. Pkt. 75 cts.

Veitch's Spotted Varieties. Erect-flowered, mixed. Pkt. 75 cts.

GREVILLEA robusta (Silk Oak). A beautiful little tree, grown for its graceful, fern-like foliage. When small, it is used for table decoration; as it grows larger, for tropical garden effects. Pkt. 10 cts.

HELIOTROPE, Lemoine's Giant Hybrids. Flowers range from pure white through all the shades of violet, blue and indigo. Very fragrant heads of mammoth size. Very floriferous. Pkt. 10c.

IMPATIENS Sultani. A bright little plant, with clusters of rosy scarlet flowers and glossy leaves of dark green. Neat and bushy in growth. Pkt. 15 cts.

LANTANA hybrida. The Lantana is a shrubby plant, with a multitude of flower-clusters like the verbena. Mixed, pkt. 10 cts.

MIMOSA pudica (Sensitive Plant). So called from the habit which its fern-like leaves have of closing when touched. Flowers are bright pink and fragrant. Pkt. 10 cts.

MUSA Ensete (Abyssinian Banana). A magnificent foliage plant. Seeds sown in heat will produce strong plants the first season. Pkt. of 10 seeds, 25 cts.

OXALIS. A low-growing plant, with pretty three-parted foliage and clusters of dainty flowers. For baskets and pot culture.

Delicata. Salmon-rose; very pretty. Pkt. 10 cts.

Tropæoloides. Dark yellowish brown foliage. Pkt. 10 cts.

PRIMULA, or CHINESE PRIMROSE

(Choicest Fringed)

Chinese Primroses are noted for their profuse display of flowers in winter, and their long flowering season. Growing from seed is not difficult, and full directions for culture are given on our seed packets.

Alba magnifica. Pure white with yellow eye. Pkt. 25 cts.

Rosy White. Pkt. 25 cts.

Kermesina splendens. Crimson, yellow eye. Pkt. 25 cts.

Blue. Clear sky-blue. Pkt. 25 cts.

Cheswick Red. Very bright red. Pkt. 25 cts.

Bright Pink. Pkt. 25 cts.

Rosy Morn. Rosy-red. Pkt. 25 cts.

Choicest Single Mixed. Pkt. 25 cts.

Fern-leaved Mixed. Pkt. 25 cts.

Veitch's Chelsea Salmon. Beautiful distinct salmon. Pkt. 75 cts.

Veitch's Chelsea Favorite. Delicate pink, edged carmine-rose. Pkt. 75 cts.

Veitch's Chelsea Blue. Beautiful rich blue. Pkt. 75 cts.

Veitch's Snowflake. Large snow-white, yellow eye. Pkt. 75 cts.

Veitch's Queen. White tinted rose; very large. Pkt. 75 cts.

Giant Red. Rich purplish red; immense flowers. Pkt. 75 cts.

Giant Scarlet. Large trusses of extra large flowers. Pkt. 75 cts.

Giant Rose. Carmine-rose, with eye; very large flowers. Pkt. 75c.

Giant White. Pure white; immense flowers. Pkt. 75 cts.

Double Pure White. Pkt. 50 cts.

Double Fringed Mixed. Pkt. 50 cts.

Stellata, or Star Primrose. A very distinct and valuable variety. Desirable for pot culture in the greenhouse or for cut bloom. The attractive dark red foliage makes an effective contrast to the numerous pure white star-shaped flowers, which form large pyramids. The flowers last much longer than those of other Primulas. Pkt. $1.

Forbesi, or Baby Primrose. Rosy lilac; very floriferous; seedlings bloom in three months. Pkt. 25 cts.

Obconica grandiflora fimbriata. Excellent for winter and spring blooming; flowers produced in large clusters on erect stems; fine as pot-plant.

Fringed White, Pink, Lilac, Carmine and Mixed. Each, pkt. 25c.

PYRETHRUM aureum (Golden Feather). Golden yellow foliage, finely cut, producing rich, soft effects in bedding. Annual. Pkt. 5 cts.

SALVIA

Magnificent bedding plants, all ablaze with long spikes of blue or scarlet flowers from June until October. 1 to 2 feet tall.

Silverspot. Dark green foliage, sprinkled with light sulphur or cream-colored spots. Flowers large and intense bright scarlet. Pkt. 25 cts.

Splendens. Flowers bright scarlet; a general favorite. Pkt. 10c.

Bonfire. Dwarf form of Splendens. Very early and free-blooming; fine for bedding, borders and pots. 2 feet. Pkt. 10 cts.

Little Lord Fauntleroy. A distinct dwarf variety, growing only 18 inches high. Plant very compact and bushy, being as broad as it is high. The flowers, in number, size and brilliancy, surpass any other variety. Pkt. 25 cts.

SMILAX (*Myrsiphyllum asparagoides*). Glossy green foliage; a superb climbing vine. Pkt. 10 cts.

STREPTOCARPUS hybridus (Cape Primrose). Remarkable for its abundance of bloom and the continuous succession in which the flowers are produced. The plant is of dwarf, neat habit, with clusters of aclumine-like flowers, borne on erect slender stems. The colors embrace shades of rose, purple, red, violet and white; some being blotched and striped; of easy culture; superb mixed. Pkt. 75 cts.

TORENIA. Rich, bright colors are strangely mingled and contrasted in the flowers of the Torenias, giving them bizarre rainbow effects.

Fournieri grandiflora. Large flowers, 1 inch and over in diameter. Blue and white, yellow throat. Pkt. 15 cts.

Baillioni. Golden yellow, with rich brown-red throat. Pkt. 10 cts.

VINCA (Periwinkle). Very effective for beds and borders, and bloom from early summer until frost.

Rose-colored, White with Crimson Eye, Pure White and Mixed. Each, 10 cts. per pkt.

WIGANDIA caracasana. The leaves of this plant, 6 feet long and more than a foot wide, are effective in subtropical bedding. Pkt. 10 cts.

Bulbs, Roots and Tubers for Spring Planting

TUBEROUS BEGONIAS

Bloom constantly during the summer. Desirable both for pots and beds. Flowers large and brilliant.

Single Scarlet, Yellow, Crimson, White, Pink and **Salmon.** 8 cts. each, 75 cts. per doz., by mail 85 cts.; $5 per 100.

Double Scarlet, Yellow, Crimson, White, Pink and **Salmon.** 10 cts. each, $1 per doz., by mail $1.10; $7 per 100.

CALADIUMS

Esculentum (Elephant's Ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. They need very rich soil and an abundance of water.
MAMMOTH SIZE. 40 cts. each (by mail, 20 cts. extra), $4.50 per doz.
FIRST SIZE. 25 cts. each (by mail, 15 cts. extra), $2.50 per doz.
SECOND SIZE. 15 cts. each (by mail, 10 cts. extra), $1.50 per doz.
THIRD SIZE. 10 cts. each (by mail, 5 cts. extra), $1 per doz.
FOURTH SIZE. 5 cts. each (by mail, 3 cts. extra), 50 cts. per doz.
FANCY-LEAVED. 10 cts. each, $1 per doz., by mail $1.10.

Fancy-leaved. Succeeds well outdoors in partially shaded places. The leaves are beautifully painted with different bright colors, often delicately veined. Choicest varieties. 10 cts. each, $1 per doz.; by mail, $1.10.

TYPES OF TWENTIETH CENTURY DAHLIA FROM SEED.

CANNAS (New Large-flowering Varieties)

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties.

All at 5 cts. each, 55 cts. per doz., by mail 80 cts.; per 100 $4.25

Alphonse Bouvier. Large heads of rich crimson bloom; foliage bright green. 5 to 6 ft.

Alsace. Pale sulphur-yellow, changing to creamy white. 4½ feet.
Chas. Henderson. Fine solid crimson-yellow flame at throat. 3½ ft.
Florence Vaughan. Yellow, with bright red spots; foliage large, rich green. 3½ to 4 feet.
Mme. Crozy. Bright scarlet, with golden edge; foliage bright green. 4 feet.
Queen Charlotte. Orange-scarlet, edged canary-yellow; foliage deep green. 3½ feet.
Rosemawr. Best pink Canna; bright rosy pink, mottled with rose. 3 ft.
Shenandoah. Deep rosy pink flowers; bronze foliage. 5 feet.
Souv. Antoine Crozy. Crimson-scarlet, bordered golden yellow; green foliage. 4 feet.

DAHLIAS

Stately and handsome autumn-blooming flowers. We offer here the 12 very best varieties.

All varieties, except Twentieth Century, 10 cts. each, by mail 15 cts.; $1 per doz., by mail $1.60; per 100 $7.50. Undivided clumps, 25 cts. each, by mail 35 cts.

DOUBLE LARGE-FLOWERING

Storm King. Flowers very large, pure white, and of fine form; early and very floriferous.
A. D. Livoni. Soft pink, quilled petals; early and profuse bloomer.
Black Beauty. Dark velvety maroon; large size and fine form.
Claribel. Rich, bright purple, shading to crimson; very large.
Client. Deep velvety crimson; large and of fine form.
Grand Duke Alexis. Very large; white, lightly tinged delicate pink.
Lady G. Herbert. Very large; white, tipped deep purple.
Miss Mary Lomas. Large, fine form; white, suffused soft rosy lake.
Nymphæa. Light shrimp-pink, tinted lighter toward the center.
Queen of Yellows. Beautiful clear yellow; large and early.
White Dove. Pure white; early and profuse bloomer.
Wm. Agnew. Very large; intense dazzling red; very early.

POMPONE, or BOUQUET

Alewine. White, flushed rosy lavender; very fine.
Catharine. The best pure yellow; fine form.
Eleganta. Soft pink, tipped deep pink.
Klein Domatia. Salmon-buff; profuse bloomer.
Snowclad. The finest pure white.
Sunshine. Bright scarlet; fine form, full center.

CACTUS DAHLIAS

John H. Roach. Fine light yellow.
Miss Annie Jones. Bright crimson-scarlet.
Matchless. Large; rich glistening crimson.
Perle d'Or. The best white; very large.
Profusion. Bright lavender-pink; large size.
Ruby. Deep vermilion center, shading to purple on tips of petals.

SINGLE DAHLIAS

Twentieth Century. A strong, vigorous grower, with fine fern-like foliage, upright branching habit; an early and extremely profuse bloomer. Flowers very large, from 4 to 7 inches in diameter: color bright carmine-pink on a white ground, with white tips, shaded much darker on the first flower, but later in the season becoming a beautiful soft pink. Flowers of perfect form and borne on long stems well supplied with buds and foliage. 30 cts. each, by mail 35 cts.; $3 per doz., by mail $3.60.

We also offer seed of the **Twentieth Century Dahlia.** The illustration shows types of flowers produced from seed. 15 cts. per pkt.

Fashion. Crimson-maroon, flamed purple.
Golden Standard. Pure deep yellow; large size, fine form.
Mrs. C. L. Bassett. Maroon, striped lilac.
Nance. Large; a lovely shade of lavender.
Snow Queen. Best pure white.
Wildfire. Clearest scarlet; profuse bloomer on long stems.

GLADIOLUS

One of the finest summer-blooming bulbs. The flowers are of many shades of color. Plant at intervals of two weeks during the spring, thus providing a succession of bloom from summer until frost. Of the easiest culture.

By mail, 10 cts. per doz. extra

White and **Light Shades.** 3 cts. each, 30 cts. per doz., $2.25 per 100.
Yellow and **Orange Shades.** 5c. each, 50c. per doz., $3.50 per 100.
Pink Shades. 3 cts. each, 30 cts. per doz., $2.25 per 100.
Striped and **Variegated.** 4 cts. each, 40 cts. per doz., $3 per 100.
Scarlet and **Red.** 2 cts. each, 20 cts. per doz., $1.50 per 100.
Lemoine's Hybrids. 3 cts. each, 30 cts. per doz., $2.25 per 100.
Childsi. First quality. Mixed. 3c. each, 30c. per doz., $2.25 per 100.
Groff's Hybrids. 3 cts. each, 30 cts. per doz., $2.25 per 100.
May. 3 cts. each, 30 cts. per doz., $2.25 per 100.
Pan-American Mixture. This superb mixture is the finest we have ever offered. 1st size, 3 cts. each, 30 cts. per doz., $2.25 per 100; 2d size, 25 cts. per doz., $1.75 per 100.

GLOXINIAS. Fine for pot culture. Place in a 3-inch pot and shift to a larger one when required. Loves warmth and moisture, but the leaves should never be wet; blooms a long time. 8c. each, 75 cts. per doz., by mail 85 cts.; $5 per 100.

IRIS Kæmpferi. Flowers of enormous size, running through endless combinations of color. Hardy; loves moist situations. In ten distinct varieties. 20 cts. each, $2 per doz., $15 per 100.

Germanica. Very hardy and thrives anywhere; finest mixed. 10 cts. each, $1 per doz.

Florentina. Pure white, shaded blue and yellow. 5 cts. each, 50 cts. per doz.

LILY-OF-THE-VALLEY. Large, strong clumps, 25 cts. each, $2.50 per doz.

LILIES (FOR SPRING PLANTING)

Plant in well-drained soil.

Auratum (Gold-banded Lily). 15 cts. each, by mail 20 cts.; $1.50 per doz.

Auratum pictum. Central band of yellow; spotted crimson. 20 cts. each, by mail 25 cts.; $2 per doz.

Auratum macranthum. Larger than Auratum; heavily spotted. 25 cts. each, by mail 30 cts.; $2.50 per doz.

Auratum vittatum. Immense waxy white flowers, with deep crimson stripe through center and spotted crimson. 45 cts. each, by mail 50 cts.; $5.50 per doz.

Auratum Wittei. Pure white, with broad yellow stripe. 55 cts. each, by mail 60 cts.; $6.50 per doz.

Auratum virginale. Large white flower, with yellow band through center. 35c. each, by mail 40c.; $2.75 per doz.

Album. White; very fragrant. 15 cts. each, by mail 20 cts.; $1.50 per doz.

Rubrum. White, spotted crimson. 15 cts. each, by mail 20 cts.; $1.50 per doz.

Melpomene. White suffused crimson. 15 cts. each, by mail 20 cts.; $1.50 per doz.

Atrosanguineum. Crimson; dark spots. 15 cts. each, by mail 20 cts.; $1.50 per doz.

Batmanniæ. Apricot-tinted. 10 cts. each, by mail 12 cts.; $1.50 per doz.

Brownii. Light cream, purple outside. 35 cts. each, by mail 40 cts.; $3.75 per doz.

Croceum. Golden yellow. 10c. ea., by mail 12c.; $1 per doz.

Elegans, Semi-double. Fringed petals, tipped white. 10 cts. each, by mail 12 cts.; $1 per doz.

Longiflorum. Pure white, trumpet-shaped. 15 cts. each, by mail 20 cts.; $1.50 per doz.

Krameri. Blush-pink. 15c. ea., by mail 20c.; $1.50 per doz.

Martagon. Crimson, dark spots. 10 cts. each, by mail 12 cts.; $1 per doz.

Pardalinum. Scarlet, purple spots. 10 cts. each, by mail 12 cts.; $1 per doz.

Superbum. Orange, tipped red. 10c. each, by mail 12c.; $1 per doz.

Tigrinum fl. pl. Double orange, black spots. 8 cts. each, by mail 10 cts.; 75 cts. per doz.

Tigrinum splendens. Rich scarlet, dark spots. 8 cts. each, by mail 10 cts.; 75 cts. per doz.

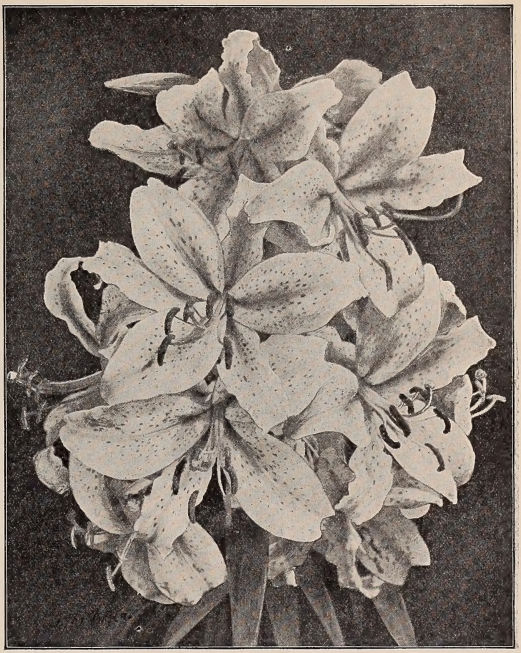
Thunbergianum. Orange-crimson, dark spots. 10 cts. each, by mail 12 cts.; $1 per doz.

Wallacei. Orange-scarlet, spotted maroon. 10 cts. each, by mail 12 cts.; $1 per doz.

PEONIES

Very showy hardy plants that will thrive anywhere.

Double Red. 15 cts. each, by mail 25 cts.; $1.50 per doz.



LILIUM ALBUM

Double White. 25 cts. each, by mail 35 cts.; $2.50 per doz.

Double Pink. 20 cts. each, by mail 30 cts.; $2 per doz.

Tenuifolia fl. pl. Very rich crimson double flowers; foliage finely cut, graceful and slender. 25c. each, by mail 35c.; $2.50 per doz.

Japanese Tree Varieties. Flowers of enormous size and changing colors from white to deep crimson. In six choicest varieties. 60c. each, by mail 70 cts.; $6.50 per doz.

TUBEROSE, Excelsior Pearl. Dwarf and compact, large, well-cured bulbs. 10 cts. for 3, 30 cts. per doz., $1.75 per 100; by mail, 15 cts. for 3, 42 cts. per doz.

Miscellaneous Bulbs and Flowering Roots

Agapanthus umbellatus. Effective for vases and tubs; large spikes of blue flowers. 15 cts. each, by mail 25 cts.; $1.50 per doz.

Amaryllis formosissima. Brilliant crimson flowers. 15 cts. each, by mail 25 cts.; $1.50 per doz.

Belladonna major. Silvery white, turning to rose. 20 cts. each, by mail 30 cts.; $2 per doz.

Apios tuberosa. Hardy climbers; flowers resembling Wistaria. 5 cts. each, 50 cts. per doz.; by mail 60 cts.

Bessera elegans (Coral Drop). Coral red with white cups. Blooms all summer. 3 cts. each, 25 cts. per doz., $1.75 per 100.

Cyclobothra flava. Golden yellow with dark spots. 3 cts. each, 25 cts. per doz., $1.75 per 100.

Cooperia Drummondi (Evening Star). Pure white; blooms all summer. 3 cts. each, 25 cts. per doz., $1.75 per 100.

Calla, Spotted-leaved. Foliage beautifully spotted white. 5 cts. each, 50 cts. per doz.; by mail 60 cts.

Elliottiana. Rich pure yellow; leaves spotted like the preceding; a splendid acquisition. 75 cts. each.

Cinnamon Vine. Hardy rapid-growing climber. 5 cts. each, 50 cts. per doz.; by mail 60 cts.

Crinum Kirkii. Beautiful white purple-striped flowers. 20 cts each, by mail 25 cts.

Hyacinthus candicans. Tall spikes of pure white bell-shaped flowers. 5 cts. each, 50 cts. per doz.; by mail 60 cts.

Ismene calathea grandiflora. Fragrant and pure white. 15 cts. each, by mail 20 cts.; $1.50 per doz.

Milla biflora (Frostwork). Fragrant, white, wax-like flowers. 3 cts. each, 25 cts. per doz., $1.75 per 100.

Montbretia. Gladioli-like flowers, orange-red and orange-scarlet. 3 cts. each, 25 cts. per doz., $1.75 per 100.

Madeira Vine. A favorite rapid-growing climber. 3 cts. each, 25 cts. per doz.; by mail 35 cts.

Oxalis. Small, free-flowering plants with delicate foliage. 2 cts. each, 20 cts. per doz.

Pancratium (Spider Lily). 15 cts. each, by mail 20 cts.

Tigridia. Brilliant shell-like flowers of great beauty. 5 cts. each, 40 cts. per doz.; by mail 50 cts.

Zephyranthes (Fairy Lilies). 5 cts. each, 50 cts. per doz.

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VEGETABLE AND FIELD SEEDS, IMPLEMENTS, ETC.

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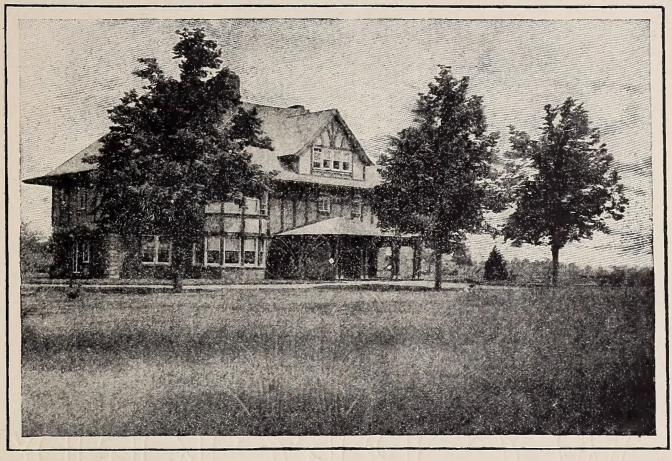
A BEAUTIFUL LAWN IS THE RESULT OF SOWING UNDER PROPER CONDITIONS OUR EVERGREEN LAWN SEED



GOOD soil and proper drainage are absolutely necessary to produce a good lawn. There should be no less than one foot of good surface soil, heavy loam where possible. In light or sandy soil the grass has a tendency to burn out in hot, dry weather. Where it is necessary to grade the surface the subsoil should be removed and replaced with good earth.

Unless the soil is sufficiently rich apply a liberal quantity of well-rotted manure; dig or plow this in and incorporate with the soil. Rake or harrow the surface even, and after sowing the seed rake again lightly and firm the soil with a lawn-roller. Never attempt to dig, rake or roll a lawn when the ground is wet.

The best time to make a lawn is as early in spring as the ground is in good tillable condition, although very satisfactory results are obtained from lawns made during the summer and autumn.

When the young grass is from 3 to 4 inches high it should be mown, but not too short, as close cropping is injurious to a new lawn. Repeat the mowing at intervals of about ten days. After the lawn is once well established frequent rollings are beneficial, especially early in spring, after the soil and with it the roots of the grass have been drawn up by the winter's frost.

On banks and terraces, where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; at the expiration of that time much of the seed is ready to sprout.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination, in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of recleaned seeds only. The value of lawn grass seeds can be best determined by its weight per measured bushel, the better the quality the heavier the weight. This seed weighs 22 pounds per measured bushel; inferior seed will fall far short of this weight.

The price as quoted here always means one standard measured bushel, always weighing 22 pounds, and never a measured bushel weighing 12 to 14 lbs., nor a bushel of 2½ to 3 pecks actual measure.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. per acre. Qt. 20 cts., by mail 30 cts.; 2 qts. 35 cts., 3 qts. 50 cts., 4 qts. 60 cts., pk. $1.15, ½ bus. $2.25, per measured bushel of 22 pounds, $4.50.

SHADY NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. In nearly all lawns where there are trees there will be found bare, unsightly spots which can be made green and bright by using this mixture. Per measured bus. $6, ¼ bus. $3, pk. $1.75, qt. 25 cts., by mail 35 cts.

GOLF LINK MIXTURE

Composed of such grasses as will produce a turf suitable for golf links, cricket-tables or polo grounds. Qt. 20 cts., pk. 75 cts., bus. of 15 lbs. $2.50.

PUTTING GREEN MIXTURE

The very finest hardy low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 25 cts., pk. $1.35, bus. $5.

LAWN FERTILIZERS

Stable manure should never be used as a top-dressing on a lawn, as it always contains large quantities of noxious weed seeds, and is objectionable on account of unsightliness and disagreeable odor.

ODORLESS LAWN FERTILIZER. A clean, high-grade fertilizer, free from disagreeable odor, especially prepared for us. Produces a rapid and rich green growth of grass. Should be sown broadcast, and applied in spring or fall. Quantity required, 10 lbs. for 300 sq. ft., 500 to 1,500 lbs. per acre. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. $1.40, 100 lbs. $2.50, 200 lbs. $4.80, 500 lbs. $11.50, 1,000 lbs. $22, per ton $42.

CANADIAN UNLEACHED HARDWOOD ASHES. Unequaled as a fertilizer for lawns. Not alone acting as a stimulant, but supplies natural plant-food, permanently enriching the soil. Cheap, clean from weed seeds, and no offensive odor. Apply in the fall or early in spring, so that the rain may leach the ashes and carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. per acre. Per barrel of 250 lbs. $3, per 500 lbs. $5.75, per 1,000 lbs. $11, per 1,500 lbs. $15.75, per ton $20; no smaller parcels than barrel lots.

PURE RAW BONE MEAL. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 22 cts., 10 lbs. 40 cts., 25 lbs. 60 cts., 50 lbs. $1.10, 100 lbs. $1.90, 200 lbs. $3.60, 500 lbs. $8.50, 1,000 lbs. $16, per ton $30.

W. C. BECKERT

ALLEGHENY, PA.